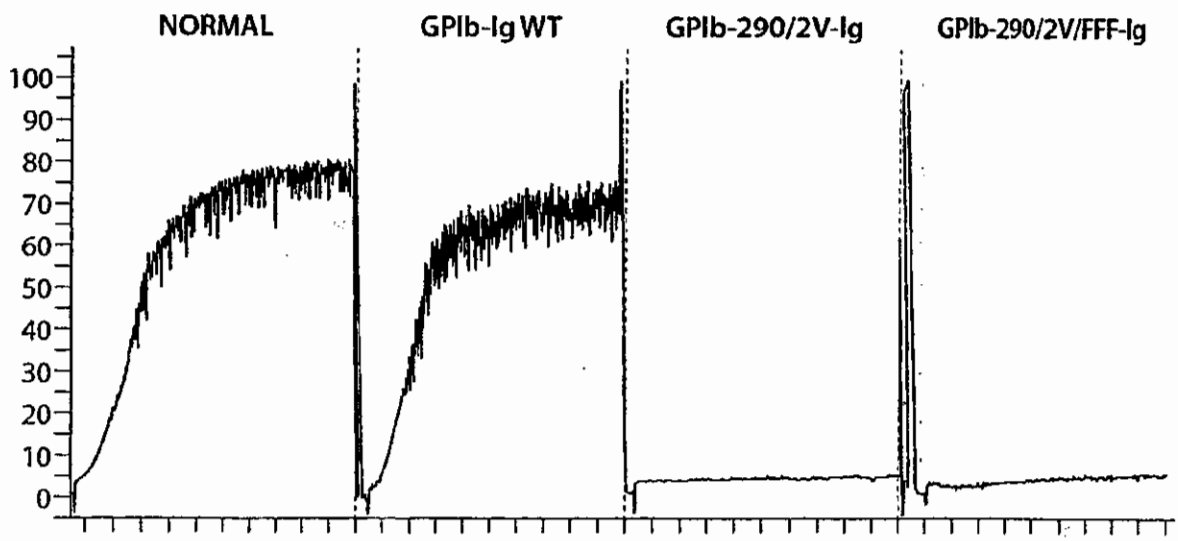

NORMAL
GPIb-Ig WT
GPIb-290/2V-Ig
GPIb-290/2V/FFF-Ig
100
90
80
70
60
50
40
30
20
10
0

Fig. 1

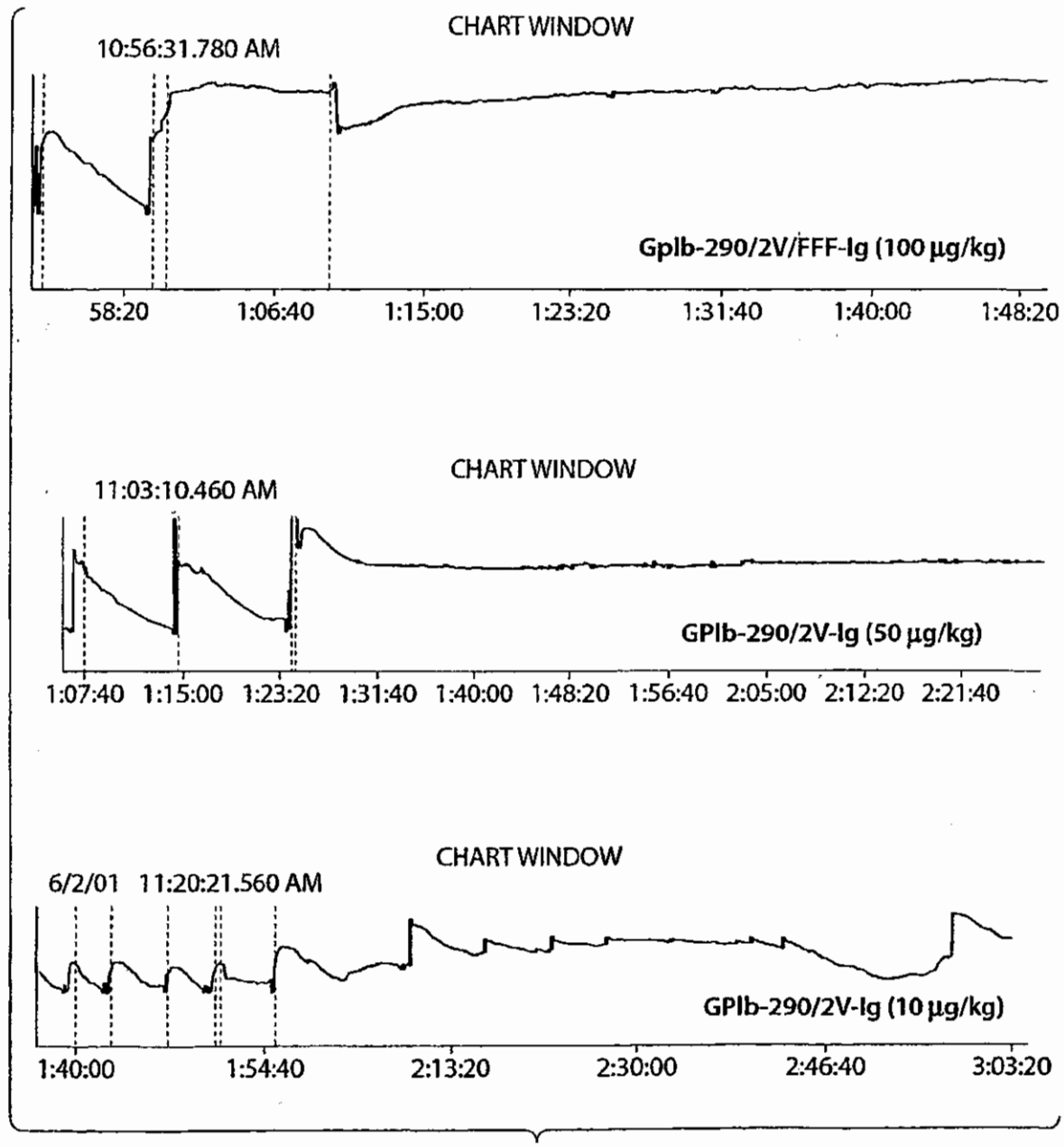

CHART WINDOW
10:56:31.780 AM
Gplb-290/2V/FFF-Ig (100 µg/kg)
58:20
1:06:40
1:15:00
1:23:20
1:31:40
1:40:00
1:48:20
CHART WINDOW
11:03:10.460 AM
GPIb-290/2V-Ig (50 µg/kg)
1:07:40
1:15:00
1:23:20
1:31:40
1:40:00
1:48:20
1:56:40
2:05:00
2:12:20
2:21:40
CHART WINDOW
6/2/01 11:20:21.560 AM
GPIb-290/2V-Ig (10 µg/kg)
1:40:00
1:54:40
2:13:20
2:30:00
2:46:40
3:03:20

Fig. 2

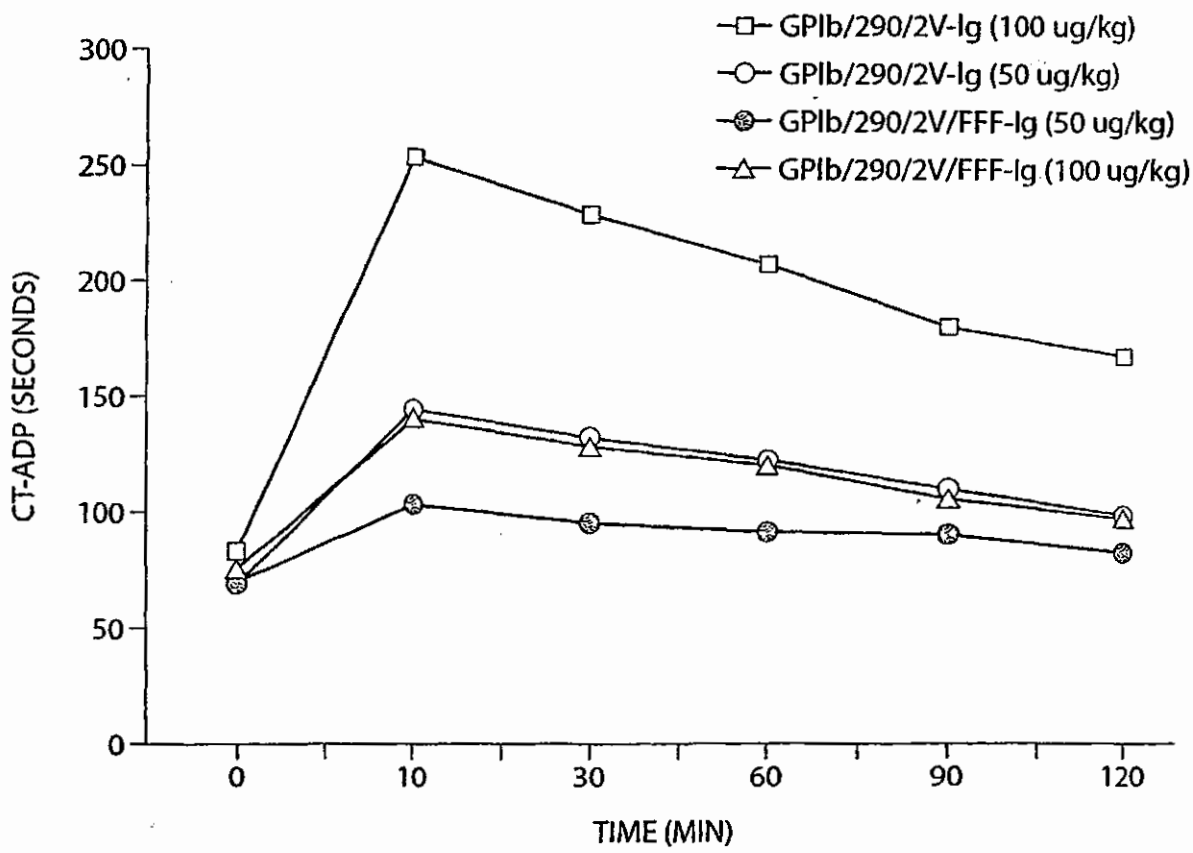

GPIb/290/2V-Ig (100 ug/kg)
GPIb/290/2V-Ig (50 ug/kg)
GPIb/290/2V/FFF-Ig (50 ug/kg)
GPIb/290/2V/FFF-Ig (100 ug/kg)
CT-ADP (SECONDS)
300
250
200
150
100
50
0
0
10
30
60
90
120
TIME (MIN)

Fig. 3

SEQUENCE LISTING

<110> Wyeth

<120> PLATELET GLYCOPROTEIN IB ALPHA VARIANT FUSION POLYPEPTIDES AND METHODS OF USE THEREOF

<130> 22058-583-061

<140> Not Yet Assigned
<141> 2004-06-14

<150> 60/477,525
<151> 2003-06-11

<160> 10

<170> PatentIn Ver. 2.1

<210> 1
<211> 290
<212> PRT
<213> Homo sapiens

<400> 1

```
His Pro Ile Cys Glu Val Ser Lys Val Ala Ser His Leu Glu Val Asn
  1               5                  10                  15

Cys Asp Lys Arg Asn Leu Thr Ala Leu Pro Pro Asp Leu Pro Lys Asp
             20                  25                  30

Thr Thr Ile Leu His Leu Ser Glu Asn Leu Leu Tyr Thr Phe Ser Leu
         35                  40                  45

Ala Thr Leu Met Pro Tyr Thr Arg Leu Thr Gln Leu Asn Leu Asp Arg
     50                  55                  60

Cys Glu Leu Thr Lys Leu Gln Val Asp Gly Thr Leu Pro Val Leu Gly
 65                  70                  75                  80

Thr Leu Asp Leu Ser His Asn Gln Leu Gln Ser Leu Pro Leu Leu Gly
                 85                  90                  95

Gln Thr Leu Pro Ala Leu Thr Val Leu Asp Val Ser Phe Asn Arg Leu
            100                 105                 110

Thr Ser Leu Pro Leu Gly Ala Leu Arg Gly Leu Gly Glu Leu Gln Glu
        115                 120                 125

Leu Tyr Leu Lys Gly Asn Glu Leu Lys Thr Leu Pro Pro Gly Leu Leu
    130                 135                 140

Thr Pro Thr Pro Lys Leu Glu Lys Leu Ser Leu Ala Asn Asn Asn Leu
145                 150                 155                 160

Thr Glu Leu Pro Ala Gly Leu Leu Asn Gly Leu Glu Asn Leu Asp Thr
                165                 170                 175
```

```
Leu Leu Leu Gln Glu Asn Ser Leu Tyr Thr Ile Pro Lys Gly Phe Phe
            180                 185                 190

Gly Ser His Leu Leu Pro Phe Ala Phe Leu His Gly Asn Pro Trp Leu
        195                 200                 205

Cys Asn Cys Glu Ile Leu Tyr Phe Arg Arg Trp Leu Gln Asp Asn Ala
    210                 215                 220

Glu Asn Val Tyr Val Trp Lys Gln Gly Val Asp Val Lys Ala Met Thr
225                 230                 235                 240

Ser Asn Val Ala Ser Val Gln Cys Asp Asn Ser Asp Lys Phe Pro Val
                245                 250                 255

Tyr Lys Tyr Pro Gly Lys Gly Cys Pro Thr Leu Gly Asp Glu Gly Asp
            260                 265                 270

Thr Asp Leu Tyr Asp Tyr Tyr Pro Glu Glu Asp Thr Glu Gly Asp Lys
        275                 280                 285

Val Arg
    290
```

<210> 2
<211> 290
<212> PRT
<213> Homo sapiens

<400> 2

```
His Pro Ile Cys Glu Val Ser Lys Val Ala Ser His Leu Glu Val Asn
  1               5                  10                  15

Cys Asp Lys Arg Asn Leu Thr Ala Leu Pro Pro Asp Leu Pro Lys Asp
            20                  25                  30

Thr Thr Ile Leu His Leu Ser Glu Asn Leu Leu Tyr Thr Phe Ser Leu
        35                  40                  45

Ala Thr Leu Met Pro Tyr Thr Arg Leu Thr Gln Leu Asn Leu Asp Arg
    50                  55                  60

Cys Glu Leu Thr Lys Leu Gln Val Asp Gly Thr Leu Pro Val Leu Gly
65                  70                  75                  80

Thr Leu Asp Leu Ser His Asn Gln Leu Gln Ser Leu Pro Leu Leu Gly
                85                  90                  95

Gln Thr Leu Pro Ala Leu Thr Val Leu Asp Val Ser Phe Asn Arg Leu
            100                 105                 110

Thr Ser Leu Pro Leu Gly Ala Leu Arg Gly Leu Gly Glu Leu Gln Glu
        115                 120                 125

Leu Tyr Leu Lys Gly Asn Glu Leu Lys Thr Leu Pro Pro Gly Leu Leu
```

```
    130                 135                 140

Thr Pro Thr Pro Lys Leu Glu Lys Leu Ser Leu Ala Asn Asn Asn Leu
145                 150                 155                 160

Thr Glu Leu Pro Ala Gly Leu Leu Asn Gly Leu Glu Asn Leu Asp Thr
                165                 170                 175

Leu Leu Leu Gln Glu Asn Ser Leu Tyr Thr Ile Pro Lys Gly Phe Phe
            180                 185                 190

Gly Ser His Leu Leu Pro Phe Ala Phe Leu His Gly Asn Pro Trp Leu
        195                 200                 205

Cys Asn Cys Glu Ile Leu Tyr Phe Arg Arg Trp Leu Gln Asp Asn Ala
    210                 215                 220

Glu Asn Val Tyr Val Trp Lys Gln Val Val Asp Val Lys Ala Val Thr
225                 230                 235                 240

Ser Asn Val Ala Ser Val Gln Cys Asp Asn Ser Asp Lys Phe Pro Val
                245                 250                 255

Tyr Lys Tyr Pro Gly Lys Gly Cys Pro Thr Leu Gly Asp Glu Gly Asp
            260                 265                 270

Thr Asp Leu Tyr Asp Tyr Tyr Pro Glu Glu Asp Thr Glu Gly Asp Lys
        275                 280                 285

Val Arg
    290
```

<210> 3
<211> 302
<212> PRT
<213> Homo sapiens

```
<400> 3
His Pro Ile Cys Glu Val Ser Lys Val Ala Ser His Leu Glu Val Asn
  1               5                  10                  15

Cys Asp Lys Arg Asn Leu Thr Ala Leu Pro Pro Asp Leu Pro Lys Asp
             20                  25                  30

Thr Thr Ile Leu His Leu Ser Glu Asn Leu Leu Tyr Thr Phe Ser Leu
         35                  40                  45

Ala Thr Leu Met Pro Tyr Thr Arg Leu Thr Gln Leu Asn Leu Asp Arg
     50                  55                  60

Cys Glu Leu Thr Lys Leu Gln Val Asp Gly Thr Leu Pro Val Leu Gly
 65                  70                  75                  80

Thr Leu Asp Leu Ser His Asn Gln Leu Gln Ser Leu Pro Leu Leu Gly
                 85                  90                  95
```

```
Gln Thr Leu Pro Ala Leu Thr Val Leu Asp Val Ser Phe Asn Arg Leu
            100                 105                 110

Thr Ser Leu Pro Leu Gly Ala Leu Arg Gly Leu Gly Glu Leu Gln Glu
        115                 120                 125

Leu Tyr Leu Lys Gly Asn Glu Leu Lys Thr Leu Pro Pro Gly Leu Leu
    130                 135                 140

Thr Pro Thr Pro Lys Leu Glu Lys Leu Ser Leu Ala Asn Asn Asn Leu
145                 150                 155                 160

Thr Glu Leu Pro Ala Gly Leu Leu Asn Gly Leu Glu Asn Leu Asp Thr
                165                 170                 175

Leu Leu Leu Gln Glu Asn Ser Leu Tyr Thr Ile Pro Lys Gly Phe Phe
            180                 185                 190

Gly Ser His Leu Leu Pro Phe Ala Phe Leu His Gly Asn Pro Trp Leu
        195                 200                 205

Cys Asn Cys Glu Ile Leu Tyr Phe Arg Arg Trp Leu Gln Asp Asn Ala
    210                 215                 220

Glu Asn Val Tyr Val Trp Lys Gln Gly Val Asp Val Lys Ala Met Thr
225                 230                 235                 240

Ser Asn Val Ala Ser Val Gln Cys Asp Asn Ser Asp Lys Phe Pro Val
                245                 250                 255

Tyr Lys Tyr Pro Gly Lys Gly Cys Pro Thr Leu Gly Asp Glu Gly Asp
            260                 265                 270

Thr Asp Leu Tyr Asp Tyr Tyr Pro Glu Glu Asp Thr Glu Gly Asp Lys
        275                 280                 285

Val Arg Ala Thr Arg Thr Val Val Lys Phe Pro Thr Lys Ala
    290                 295                 300
```

<210> 4
<211> 302
<212> PRT
<213> Homo sapiens

```
<400> 4
His Pro Ile Cys Glu Val Ser Lys Val Ala Ser His Leu Glu Val Asn
  1               5                  10                  15

Cys Asp Lys Arg Asn Leu Thr Ala Leu Pro Pro Asp Leu Pro Lys Asp
             20                  25                  30

Thr Thr Ile Leu His Leu Ser Glu Asn Leu Leu Tyr Thr Phe Ser Leu
         35                  40                  45

Ala Thr Leu Met Pro Tyr Thr Arg Leu Thr Gln Leu Asn Leu Asp Arg
     50                  55                  60
```

```
Cys Glu Leu Thr Lys Leu Gln Val Asp Gly Thr Leu Pro Val Leu Gly
 65                  70                  75                  80

Thr Leu Asp Leu Ser His Asn Gln Leu Gln Ser Leu Pro Leu Leu Gly
                85                  90                  95

Gln Thr Leu Pro Ala Leu Thr Val Leu Asp Val Ser Phe Asn Arg Leu
            100                 105                 110

Thr Ser Leu Pro Leu Gly Ala Leu Arg Gly Leu Gly Glu Leu Gln Glu
        115                 120                 125

Leu Tyr Leu Lys Gly Asn Glu Leu Lys Thr Leu Pro Pro Gly Leu Leu
    130                 135                 140

Thr Pro Thr Pro Lys Leu Glu Lys Leu Ser Leu Ala Asn Asn Asn Leu
145                 150                 155                 160

Thr Glu Leu Pro Ala Gly Leu Leu Asn Gly Leu Glu Asn Leu Asp Thr
                165                 170                 175

Leu Leu Leu Gln Glu Asn Ser Leu Tyr Thr Ile Pro Lys Gly Phe Phe
            180                 185                 190

Gly Ser His Leu Leu Pro Phe Ala Phe Leu His Gly Asn Pro Trp Leu
        195                 200                 205

Cys Asn Cys Glu Ile Leu Tyr Phe Arg Arg Trp Leu Gln Asp Asn Ala
    210                 215                 220

Glu Asn Val Tyr Val Trp Lys Gln Gly Val Asp Val Lys Ala Met Thr
225                 230                 235                 240

Ser Asn Val Ala Ser Val Gln Cys Asp Asn Ser Asp Lys Phe Pro Val
                245                 250                 255

Tyr Lys Tyr Pro Gly Lys Gly Cys Pro Thr Leu Gly Asp Glu Gly Asp
            260                 265                 270

Thr Asp Leu Tyr Asp Tyr Tyr Pro Glu Glu Asp Thr Glu Gly Asp Lys
        275                 280                 285

Val Ala Ala Thr Ala Thr Val Val Lys Phe Pro Thr Lys Ala
    290                 295                 300


<210> 5
<211> 301
<212> PRT
<213> Homo sapiens

<400> 5
His Pro Ile Cys Glu Val Ser Lys Val Ala Ser His Leu Glu Val Asn
  1               5                  10                  15

Cys Asp Lys Arg Asn Leu Thr Ala Leu Pro Pro Asp Leu Pro Lys Asp
```

```
            20                  25                  30

Thr Thr Ile Leu His Leu Ser Glu Asn Leu Leu Tyr Thr Phe Ser Leu
         35                  40                  45

Ala Thr Leu Met Pro Tyr Thr Arg Leu Thr Gln Leu Asn Leu Asp Arg
     50                  55                  60

Cys Glu Leu Thr Lys Leu Gln Val Asp Gly Thr Leu Pro Val Leu Gly
 65                  70                  75                  80

Thr Leu Asp Leu Ser His Asn Gln Leu Gln Ser Leu Pro Leu Leu Gly
                 85                  90                  95

Gln Thr Leu Pro Ala Leu Thr Val Leu Asp Val Ser Phe Asn Arg Leu
            100                 105                 110

Thr Ser Leu Pro Leu Gly Ala Leu Arg Gly Leu Gly Glu Leu Gln Glu
        115                 120                 125

Leu Tyr Leu Lys Gly Asn Glu Leu Lys Thr Leu Pro Pro Gly Leu Leu
    130                 135                 140

Thr Pro Thr Pro Lys Leu Glu Lys Leu Ser Leu Ala Asn Asn Asn Leu
145                 150                 155                 160

Thr Glu Leu Pro Ala Gly Leu Leu Asn Gly Leu Glu Asn Leu Asp Thr
                165                 170                 175

Leu Leu Leu Gln Glu Asn Ser Leu Tyr Thr Ile Pro Lys Gly Phe Phe
            180                 185                 190

Gly Ser His Leu Leu Pro Phe Ala Phe Leu His Gly Asn Pro Trp Leu
        195                 200                 205

Cys Asn Cys Glu Ile Leu Tyr Phe Arg Arg Trp Leu Gln Asp Asn Ala
    210                 215                 220

Glu Asn Val Tyr Val Trp Lys Gln Val Val Asp Val Lys Ala Val Thr
225                 230                 235                 240

Ser Asn Val Ala Ser Val Gln Cys Asp Asn Ser Asp Lys Phe Pro Val
                245                 250                 255

Lys Tyr Pro Gly Lys Gly Cys Pro Thr Leu Gly Asp Glu Gly Asp Thr
            260                 265                 270

Asp Leu Tyr Asp Tyr Tyr Pro Glu Glu Asp Thr Glu Gly Asp Lys Val
        275                 280                 285

Ala Ala Thr Ala Thr Val Val Lys Phe Pro Thr Lys Ala
    290                 295                 300
```

<210> 6
<211> 290
<212> PRT

<213> Homo sapiens

<400> 6

```
His Pro Ile Cys Glu Val Ser Lys Val Ala Ser His Leu Glu Val Asn
  1               5                  10                  15

Cys Asp Lys Arg Asn Leu Thr Ala Leu Pro Pro Asp Leu Pro Lys Asp
             20                  25                  30

Thr Thr Ile Leu His Leu Ser Glu Asn Leu Leu Tyr Thr Phe Ser Leu
         35                  40                  45

Ala Thr Leu Met Pro Tyr Thr Arg Leu Thr Gln Leu Asn Leu Asp Arg
     50                  55                  60

Cys Glu Leu Thr Lys Leu Gln Val Asp Gly Thr Leu Pro Val Leu Gly
 65                  70                  75                  80

Thr Leu Asp Leu Ser His Asn Gln Leu Gln Ser Leu Pro Leu Leu Gly
                 85                  90                  95

Gln Thr Leu Pro Ala Leu Thr Val Leu Asp Val Ser Phe Asn Arg Leu
            100                 105                 110

Thr Ser Leu Pro Leu Gly Ala Leu Arg Gly Leu Gly Glu Leu Gln Glu
        115                 120                 125

Leu Tyr Leu Lys Gly Asn Glu Leu Lys Thr Leu Pro Pro Gly Leu Leu
    130                 135                 140

Thr Pro Thr Pro Lys Leu Glu Lys Leu Ser Leu Ala Asn Asn Asn Leu
145                 150                 155                 160

Thr Glu Leu Pro Ala Gly Leu Leu Asn Gly Leu Glu Asn Leu Asp Thr
                165                 170                 175

Leu Leu Leu Gln Glu Asn Ser Leu Tyr Thr Ile Pro Lys Gly Phe Phe
            180                 185                 190

Gly Ser His Leu Leu Pro Phe Ala Phe Leu His Gly Asn Pro Trp Leu
        195                 200                 205

Cys Asn Cys Glu Ile Leu Tyr Phe Arg Arg Trp Leu Gln Asp Asn Ala
    210                 215                 220

Glu Asn Val Tyr Val Trp Lys Gln Gly Val Asp Val Ala Ala Met Thr
225                 230                 235                 240

Ser Asn Val Ala Ser Val Gln Cys Asp Asn Ser Asp Lys Phe Pro Val
                245                 250                 255

Tyr Lys Tyr Pro Gly Lys Gly Cys Pro Thr Leu Gly Asp Glu Gly Asp
            260                 265                 270

Thr Asp Leu Tyr Asp Tyr Tyr Pro Glu Glu Asp Thr Glu Gly Asp Lys
        275                 280                 285
```

Val Arg
290

<210> 7
<211> 307
<212> PRT
<213> Homo sapiens

<400> 7
Gln Ala Thr Glu Tyr Glu Tyr Leu Asp Tyr Asp Phe Leu Pro Glu Thr
1 5 10 15

Glu Pro Pro Ile Cys Glu Val Ser Lys Val Ala Ser His Leu Glu Val
20 25 30

Asn Cys Asp Lys Arg Asn Leu Thr Ala Leu Pro Pro Asp Leu Pro Lys
35 40 45

Asp Thr Thr Ile Leu His Leu Ser Glu Asn Leu Leu Tyr Thr Phe Ser
50 55 60

Leu Ala Thr Leu Met Pro Tyr Thr Arg Leu Thr Gln Leu Asn Leu Asp
65 70 75 80

Arg Cys Glu Leu Thr Lys Leu Gln Val Asp Gly Thr Leu Pro Val Leu
85 90 95

Gly Thr Leu Asp Leu Ser His Asn Gln Leu Gln Ser Leu Pro Leu Leu
100 105 110

Gly Gln Thr Leu Pro Ala Leu Thr Val Leu Asp Val Ser Phe Asn Arg
115 120 125

Leu Thr Ser Leu Pro Leu Gly Ala Leu Arg Gly Leu Gly Glu Leu Gln
130 135 140

Glu Leu Tyr Leu Lys Gly Asn Glu Leu Lys Thr Leu Pro Pro Gly Leu
145 150 155 160

Leu Thr Pro Thr Pro Lys Leu Glu Lys Leu Ser Leu Ala Asn Asn Asn
165 170 175

Leu Thr Glu Leu Pro Ala Gly Leu Leu Asn Gly Leu Glu Asn Leu Asp
180 185 190

Thr Leu Leu Leu Gln Glu Asn Ser Leu Tyr Thr Ile Pro Lys Gly Phe
195 200 205

Phe Gly Ser His Leu Leu Pro Phe Ala Phe Leu His Gly Asn Pro Trp
210 215 220

Leu Cys Asn Cys Glu Ile Leu Tyr Phe Arg Arg Trp Leu Gln Asp Asn
225 230 235 240

Ala Glu Asn Val Tyr Val Trp Lys Gln Val Val Asp Val Lys Ala Val
245 250 255

```
Thr Ser Asn Val Ala Ser Val Gln Cys Asp Asn Ser Asp Lys Phe Pro
            260                 265                 270

Val Tyr Lys Tyr Pro Gly Lys Gly Cys Pro Thr Leu Gly Asp Glu Gly
        275                 280                 285

Asp Thr Asp Leu Tyr Asp Tyr Tyr Pro Glu Glu Asp Thr Glu Gly Asp
    290                 295                 300

Lys Val Arg
305
```

<210> 8
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:heterologous signal sequence

<400> 8

```
Met Pro Leu Leu Leu Leu Leu Leu Leu Leu Pro Ser Pro Leu His Pro
  1               5                  10                  15
```

<210> 9
<211> 41
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:heterologous signal sequence

<400> 9

```
Met Pro Leu Gln Leu Leu Leu Leu Leu Ile Leu Leu Gly Pro Gly Asn
  1               5                  10                  15

Ser Leu Gln Leu Trp Asp Thr Trp Ala Asp Glu Ala Glu Lys Ala Leu
            20                  25                  30

Gly Pro Leu Leu Ala Arg Asp Arg Arg
        35                  40
```

<210> 10
<211> 224
<212> PRT
<213> Homo sapiens

<400> 10

```
His Thr Cys Pro Pro Cys Pro Ala Pro Glu Ala Leu Gly Ala Pro Ser
  1               5                  10                  15
```

```
Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg
            20                  25                  30

Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro
        35                  40                  45

Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala
    50                  55                  60

Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val
65                  70                  75                  80

Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr
                85                  90                  95

Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Val Pro Ile Glu Lys Thr
            100                 105                 110

Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu
        115                 120                 125

Pro Pro Ser Arg Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr Cys
    130                 135                 140

Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser
145                 150                 155                 160

Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp
                165                 170                 175

Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser
            180                 185                 190

Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala
        195                 200                 205

Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
    210                 215                 220
```