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MERCK SERONO S.A.

<120> PEPTIDE

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<151> 2013-01-15

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<170> PatentIn version 3.5

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His Glu Ala Leu Thr Gly Thr Glu Lys Leu Ile Glu Thr Tyr Phe Ser
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Lys Asn Tyr Gln Asp Tyr Glu Tyr Leu Ile
20 25

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Thr Trp Thr Thr Cys Gln Ser Ile Ala Phe Pro Ser Lys Thr Ser Ala
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Ser Ile Gly Ser Leu Cys Ala Asp Ala Arg Met Tyr
20 25

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<213> Homo sapiens

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Gly Val Leu Pro Trp Asn Ala Phe Pro Gly Lys Val Cys Gly Ser Asn
1 5 10 15

Leu Leu Ser Ile Cys Lys Thr Ala Glu Phe Gln Met
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Gln Asp Tyr

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Trp Thr Thr Cys Gln Ser Ile Ala Phe Pro Ser Lys Thr Ser Ala Ser
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Ile Gly Ser

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Val Leu Pro Trp Asn Ala Phe Pro Gly Lys Val Cys Gly Ser Asn
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Leu Thr Gly Thr Glu Lys Leu Ile Glu Thr Tyr Phe Ser Lys Asn
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Thr Glu Lys Leu Ile Glu Thr Tyr Phe Ser Lys Asn Tyr Gln Asp
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Glu Lys Leu Ile Glu Thr Tyr Phe Ser Lys Asn Tyr Gln Asp Tyr
1 5 10 15

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Trp Thr Thr Cys Gln Ser Ile Ala Phe Pro Ser Lys Thr Ser Ala
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Thr Thr Cys Gln Ser Ile Ala Phe Pro Ser Lys Thr Ser Ala Ser
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<400>  13

Cys Gln Ser Ile Ala Phe Pro Ser Lys Thr Ser Ala Ser Ile Gly
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Gln Ser Ile Ala Phe Pro Ser Lys Thr Ser Ala Ser Ile Gly Ser
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Val Leu Pro Trp Asn Ala Phe Pro Gly Lys Val Cys Gly Ser Asn
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<400>  16

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Ser Leu Val Ala Thr Gly Leu Cys Phe Phe Gly Val Ala Leu Phe Cys
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Gly Cys Gly His Glu Ala Leu Thr Gly Thr Glu Lys Leu Ile Glu Thr
        35                  40                  45


Tyr Phe Ser Lys Asn Tyr Gln Asp Tyr Glu Tyr Leu Ile Asn Val Ile
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His Ala Phe Gln Tyr Val Ile Tyr Gly Thr Ala Ser Phe Phe Phe Leu
65                  70                  75                  80
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Tyr Gly Ala Leu Leu Leu Ala Glu Gly Phe Tyr Thr Thr Gly Ala Val
                85                  90                  95

Arg Gln Ile Phe Gly Asp Tyr Lys Thr Thr Ile Cys Gly Lys Gly Leu
            100                 105                 110

Ser Ala Thr Val Thr Gly Gly Gln Lys Gly Arg Gly Ser Arg Gly Gln
        115                 120                 125

His Gln Ala His Ser Leu Glu Arg Val Cys His Cys Leu Gly Lys Trp
    130                 135                 140

Leu Gly His Pro Asp Lys Phe Val Gly Ile Thr Tyr Ala Leu Thr Val
145                 150                 155                 160

Val Trp Leu Leu Val Phe Ala Cys Ser Ala Val Pro Val Tyr Ile Tyr
                165                 170                 175

Phe Asn Thr Trp Thr Thr Cys Gln Ser Ile Ala Phe Pro Ser Lys Thr
            180                 185                 190

Ser Ala Ser Ile Gly Ser Leu Cys Ala Asp Ala Arg Met Tyr Gly Val
        195                 200                 205

Leu Pro Trp Asn Ala Phe Pro Gly Lys Val Cys Gly Ser Asn Leu Leu
    210                 215                 220

Ser Ile Cys Lys Thr Ala Glu Phe Gln Met Thr Phe His Leu Phe Ile
225                 230                 235                 240

Ala Ala Phe Val Gly Ala Ala Ala Thr Leu Val Ser Leu Leu Thr Phe
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Met Ile Ala Ala Thr Tyr Asn Phe Ala Val Leu Lys Leu Met Gly Arg
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Gly Thr Lys Phe
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<213>  Homo sapiens

<400>  17

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Lys Asn Tyr Gln Asp Tyr Glu Tyr Leu Ile
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<400>  18

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<400> 19

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Gln Lys Gly Arg Gly Ser Arg Gly Gln His Gln Ala His Ser Leu Glu
20 25 30

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<400> 20

Gly Gln Lys Gly Arg Gly Ser Arg Gly Gln His Gln Ala His Ser Leu
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Glu Arg Val Cys His Cys Leu Gly Lys Trp Leu Gly His Pro Asp Lys
20 25 30

<210> 21
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<400> 21

Thr Trp Thr Thr Cys Gln Ser Ile Ala Phe Pro Ser Lys Thr Ser Ala
1 5 10 15

Ser Ile Gly Ser Leu Cys Ala Asp Ala Arg Met Tyr
20 25

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<400> 22

Thr Ser Ala Ser Ile Gly Ser Leu Cys Ala Asp Ala Arg Met Tyr Gly
1 5 10 15

Val Leu Pro Trp Asn Ala Phe Pro Gly Lys Val Cys
20 25

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<213> Homo sapiens

<400> 23

Gly Val Leu Pro Trp Asn Ala Phe Pro Gly Lys Val Cys Gly Ser Asn
1 5 10 15

Leu Leu Ser Ile Cys Lys Thr Ala Glu Phe Gln Met
20 25

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Ala Thr Tyr Asn Phe Ala Val Leu Lys Leu Met Gly Arg Gly Thr Lys
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Phe

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His Glu Ala Leu Thr Gly Thr Glu Lys Leu Ile Glu Thr Tyr Phe
1 5 10 15

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Glu Ala Leu Thr Gly Thr Glu Lys Leu Ile Glu Thr Tyr Phe Ser
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Ala Leu Thr Gly Thr Glu Lys Leu Ile Glu Thr Tyr Phe Ser Lys
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Thr Gly Thr Glu Lys Leu Ile Glu Thr Tyr Phe Ser Lys Asn Tyr
1 5 10 15

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Gly Thr Glu Lys Leu Ile Glu Thr Tyr Phe Ser Lys Asn Tyr Gln
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Lys Leu Ile Glu Thr Tyr Phe Ser Lys Asn Tyr Gln Asp Tyr Glu
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Leu Ile Glu Thr Tyr Phe Ser Lys Asn Tyr Gln Asp Tyr Glu Tyr
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Ile Glu Thr Tyr Phe Ser Lys Asn Tyr Gln Asp Tyr Glu Tyr Leu
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Glu Thr Tyr Phe Ser Lys Asn Tyr Gln Asp Tyr Glu Tyr Leu Ile
1 5 10 15