SEQUENCE LISTING

<110> PureCircle Sdn Bhd

<120> HIGH-PURITY STEVIOL GLYCOSIDES

<130> 39227-71PROV

<160> 3

<170> PatentIn version 3.5

<210> 1
<211> 808
<212> PRT
<213> Arabidopsis thaliana

<400> 1

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Met Ala Asn Ala Glu Arg Met Ile Thr Arg Val His Ser Gln Arg Glu
1               5                  10                  15


Arg Leu Asn Glu Thr Leu Val Ser Glu Arg Asn Glu Val Leu Ala Leu
            20                  25                  30


Leu Ser Arg Val Glu Ala Lys Gly Lys Gly Ile Leu Gln Gln Asn Gln
        35                  40                  45


Ile Ile Ala Glu Phe Glu Ala Leu Pro Glu Gln Thr Arg Lys Lys Leu
    50                  55                  60


Glu Gly Gly Pro Phe Phe Asp Leu Leu Lys Ser Thr Gln Glu Ala Ile
65                  70                  75                  80


Val Leu Pro Pro Trp Val Ala Leu Ala Val Arg Pro Arg Pro Gly Val
                85                  90                  95


Trp Glu Tyr Leu Arg Val Asn Leu His Ala Leu Val Val Glu Glu Leu
            100                 105                 110


Gln Pro Ala Glu Phe Leu His Phe Lys Glu Glu Leu Val Asp Gly Val
        115                 120                 125
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Lys Asn Gly Asn Phe Thr Leu Glu Leu Asp Phe Glu Pro Phe Asn Ala
    130                 135                 140

Ser Ile Pro Arg Pro Thr Leu His Lys Tyr Ile Gly Asn Gly Val Asp
145                 150                 155                 160

Phe Leu Asn Arg His Leu Ser Ala Lys Leu Phe His Asp Lys Glu Ser
                165                 170                 175

Leu Leu Pro Leu Leu Asp Phe Leu Arg Leu His Ser His Gln Gly Lys
            180                 185                 190

Asn Leu Met Leu Ser Glu Lys Ile Gln Asn Leu Asn Thr Leu Gln His
        195                 200                 205

Thr Leu Arg Lys Ala Glu Glu Tyr Leu Ala Glu Leu Lys Ser Glu Thr
    210                 215                 220

Leu Tyr Glu Glu Phe Glu Ala Lys Phe Glu Glu Ile Gly Leu Glu Arg
225                 230                 235                 240

Gly Trp Gly Asp Asn Ala Glu Arg Val Leu Asp Met Ile Arg Leu Leu
                245                 250                 255

Leu Asp Leu Leu Glu Ala Pro Asp Pro Ser Thr Leu Glu Thr Phe Leu
            260                 265                 270

Gly Arg Val Pro Met Val Phe Asn Val Val Ile Leu Ser Pro His Gly
        275                 280                 285

Tyr Phe Ala Gln Asp Asn Val Leu Gly Tyr Pro Asp Thr Gly Gly Gln
    290                 295                 300

Val Val Tyr Ile Leu Asp Gln Val Arg Ala Leu Glu Ile Glu Met Leu
305                 310                 315                 320
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Gln Arg Ile Lys Gln Gln Gly Leu Asn Ile Lys Pro Arg Ile Leu Ile
                325                 330                 335

Leu Thr Arg Leu Leu Pro Asp Ala Val Gly Thr Thr Cys Gly Glu Arg
            340                 345                 350

Leu Glu Arg Val Tyr Asp Ser Glu Tyr Cys Asp Ile Leu Arg Val Pro
        355                 360                 365

Phe Arg Thr Glu Lys Gly Ile Val Arg Lys Trp Ile Ser Arg Phe Glu
    370                 375                 380

Val Trp Pro Tyr Leu Glu Thr Tyr Thr Glu Asp Ala Ala Val Glu Leu
385                 390                 395                 400

Ser Lys Glu Leu Asn Gly Lys Pro Asp Leu Ile Ile Gly Asn Tyr Ser
                405                 410                 415

Asp Gly Asn Leu Val Ala Ser Leu Leu Ala His Lys Leu Gly Val Thr
            420                 425                 430

Gln Cys Thr Ile Ala His Ala Leu Glu Lys Thr Lys Tyr Pro Asp Ser
        435                 440                 445

Asp Ile Tyr Trp Lys Lys Leu Asp Asp Lys Tyr His Phe Ser Cys Gln
    450                 455                 460

Phe Thr Ala Asp Ile Phe Ala Met Asn His Thr Asp Phe Ile Ile Thr
465                 470                 475                 480

Ser Thr Phe Gln Glu Ile Ala Gly Ser Lys Glu Thr Val Gly Gln Tyr
                485                 490                 495

Glu Ser His Thr Ala Phe Thr Leu Pro Gly Leu Tyr Arg Val Val His
            500                 505                 510
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```
Gly Ile Asp Val Phe Asp Pro Lys Phe Asn Ile Val Ser Pro Gly Ala
        515                 520                 525

Asp Met Ser Ile Tyr Phe Pro Tyr Thr Glu Glu Lys Arg Arg Leu Thr
    530                 535                 540

Lys Phe His Ser Glu Ile Glu Glu Leu Leu Tyr Ser Asp Val Glu Asn
545                 550                 555                 560

Asp Glu His Leu Cys Val Leu Lys Asp Lys Lys Lys Pro Ile Leu Phe
                565                 570                 575

Thr Met Ala Arg Leu Asp Arg Val Lys Asn Leu Ser Gly Leu Val Glu
            580                 585                 590

Trp Tyr Gly Lys Asn Thr Arg Leu Arg Glu Leu Val Asn Leu Val Val
        595                 600                 605

Val Gly Gly Asp Arg Arg Lys Glu Ser Lys Asp Asn Glu Glu Lys Ala
    610                 615                 620

Glu Met Lys Lys Met Tyr Asp Leu Ile Glu Glu Tyr Lys Leu Asn Gly
625                 630                 635                 640

Gln Phe Arg Trp Ile Ser Ser Gln Met Asp Arg Val Arg Asn Gly Glu
                645                 650                 655

Leu Tyr Arg Tyr Ile Cys Asp Thr Lys Gly Ala Phe Val Gln Pro Ala
            660                 665                 670

Leu Tyr Glu Ala Phe Gly Leu Thr Val Val Glu Ala Met Thr Cys Gly
        675                 680                 685

Leu Pro Thr Phe Ala Thr Cys Lys Gly Gly Pro Ala Glu Ile Ile Val
    690                 695                 700

His Gly Lys Ser Gly Phe His Ile Asp Pro Tyr His Gly Asp Gln Ala
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705 710 715 720

Ala Asp Leu Leu Ala Asp Phe Phe Thr Lys Cys Lys Glu Asp Pro Ser
725 730 735

His Trp Asp Glu Ile Ser Lys Gly Gly Leu Gln Arg Ile Glu Glu Lys
740 745 750

Tyr Thr Trp Gln Ile Tyr Ser Gln Arg Leu Leu Thr Leu Thr Gly Val
755 760 765

Tyr Gly Phe Trp Lys His Val Ser Asn Leu Asp Arg Leu Glu His Arg
770 775 780

Arg Tyr Leu Glu Met Phe Tyr Ala Leu Lys Tyr Arg Pro Leu Ala Gln
785 790 795 800

Ala Val Pro Leu Ala Gln Asp Asp
805

<210> 2
<211> 442
<212> PRT
<213> Solanum lycopersicum

<400> 2

Met Ala Thr Asn Leu Arg Val Leu Met Phe Pro Trp Leu Ala Tyr Gly
1 5 10 15

His Ile Ser Pro Phe Leu Asn Ile Ala Lys Gln Leu Ala Asp Arg Gly
20 25 30

Phe Leu Ile Tyr Leu Cys Ser Thr Arg Ile Asn Leu Glu Ser Ile Ile
35 40 45

Lys Lys Ile Pro Glu Lys Tyr Ala Asp Ser Ile His Leu Ile Glu Leu
50 55 60

```
Gln Leu Pro Glu Leu Pro Glu Leu Pro Pro His Tyr His Thr Thr Asn
65                  70                  75                  80

Gly Leu Pro Pro His Leu Asn Pro Thr Leu His Lys Ala Leu Lys Met
                85                  90                  95

Ser Lys Pro Asn Phe Ser Arg Ile Leu Gln Asn Leu Lys Pro Asp Leu
            100                 105                 110

Leu Ile Tyr Asp Val Leu Gln Pro Trp Ala Glu His Val Ala Asn Glu
        115                 120                 125

Gln Gly Ile Pro Ala Gly Lys Leu Leu Val Ser Cys Ala Ala Val Phe
    130                 135                 140

Ser Tyr Phe Phe Ser Phe Arg Lys Asn Pro Gly Val Glu Phe Pro Phe
145                 150                 155                 160

Pro Ala Ile His Leu Pro Glu Val Glu Lys Val Lys Ile Arg Glu Ile
                165                 170                 175

Leu Ala Lys Glu Pro Glu Glu Gly Gly Arg Leu Asp Glu Gly Asn Lys
            180                 185                 190

Gln Met Met Leu Met Cys Thr Ser Arg Thr Ile Glu Ala Lys Tyr Ile
        195                 200                 205

Asp Tyr Cys Thr Glu Leu Cys Asn Trp Lys Val Val Pro Val Gly Pro
    210                 215                 220

Pro Phe Gln Asp Leu Ile Thr Asn Asp Ala Asp Asn Lys Glu Leu Ile
225                 230                 235                 240

Asp Trp Leu Gly Thr Lys Pro Glu Asn Ser Thr Val Phe Val Ser Phe
                245                 250                 255
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```
Gly Ser Glu Tyr Phe Leu Ser Lys Glu Asp Met Glu Glu Ile Ala Phe
            260                 265                 270

Ala Leu Glu Ala Ser Asn Val Asn Phe Ile Trp Val Val Arg Phe Pro
        275                 280                 285

Lys Gly Glu Glu Arg Asn Leu Glu Asp Ala Leu Pro Glu Gly Phe Leu
    290                 295                 300

Glu Arg Ile Gly Glu Arg Gly Arg Val Leu Asp Lys Phe Ala Pro Gln
305                 310                 315                 320

Pro Arg Ile Leu Asn His Pro Ser Thr Gly Gly Phe Ile Ser His Cys
                325                 330                 335

Gly Trp Asn Ser Val Met Glu Ser Ile Asp Phe Gly Val Pro Ile Ile
            340                 345                 350

Ala Met Pro Ile His Asn Asp Gln Pro Ile Asn Ala Lys Leu Met Val
        355                 360                 365

Glu Leu Gly Val Ala Val Glu Ile Val Arg Asp Asp Asp Gly Lys Ile
    370                 375                 380

His Arg Gly Glu Ile Ala Glu Ala Leu Lys Ser Val Val Thr Gly Glu
385                 390                 395                 400

Thr Gly Glu Ile Leu Arg Ala Lys Val Arg Glu Ile Ser Lys Asn Leu
                405                 410                 415

Lys Ser Ile Arg Asp Glu Glu Met Asp Ala Val Ala Glu Glu Leu Ile
            420                 425                 430

Gln Leu Cys Arg Asn Ser Asn Lys Ser Lys
        435                 440
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<211> 458
<212> PRT
<213> Stevia rebaudiana

<400> 3

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Met Glu Asn Lys Thr Glu Thr Thr Val Arg Arg Arg Arg Arg Ile Ile
1               5                  10                  15


Leu Phe Pro Val Pro Phe Gln Gly His Ile Asn Pro Ile Leu Gln Leu
            20                  25                  30


Ala Asn Val Leu Tyr Ser Lys Gly Phe Ala Ile Thr Ile Leu His Thr
        35                  40                  45


Asn Phe Asn Lys Pro Lys Thr Ser Asn Tyr Pro His Phe Thr Phe Arg
    50                  55                  60


Phe Ile Leu Asp Asn Asp Pro Gln Asp Glu Arg Ile Ser Asn Leu Pro
65                  70                  75                  80


Thr His Gly Pro Leu Ala Gly Met Arg Ile Pro Ile Ile Asn Glu His
                85                  90                  95


Gly Ala Asp Glu Leu Arg Arg Glu Leu Glu Leu Leu Met Leu Ala Ser
            100                 105                 110


Glu Glu Asp Glu Glu Val Ser Cys Leu Ile Thr Asp Ala Leu Trp Tyr
        115                 120                 125


Phe Ala Gln Asp Val Ala Asp Ser Leu Asn Leu Arg Arg Leu Val Leu
    130                 135                 140


Met Thr Ser Ser Leu Phe Asn Phe His Ala His Val Ser Leu Pro Gln
145                 150                 155                 160


Phe Asp Glu Leu Gly Tyr Leu Asp Pro Asp Asp Lys Thr Arg Leu Glu
                165                 170                 175
```

```
Glu Gln Ala Ser Gly Phe Pro Met Leu Lys Val Lys Asp Ile Lys Ser
            180                 185                 190

Ala Tyr Ser Asn Trp Gln Ile Gly Lys Glu Ile Leu Gly Lys Met Ile
        195                 200                 205

Lys Gln Thr Lys Ala Ser Ser Gly Val Ile Trp Asn Ser Phe Lys Glu
    210                 215                 220

Leu Glu Glu Ser Glu Leu Glu Thr Val Ile Arg Glu Ile Pro Ala Pro
225                 230                 235                 240

Ser Phe Leu Ile Pro Leu Pro Lys His Leu Thr Ala Ser Ser Ser Ser
                245                 250                 255

Leu Leu Asp His Asp Arg Thr Val Phe Glu Trp Leu Asp Gln Gln Ala
            260                 265                 270

Pro Ser Ser Val Leu Tyr Val Ser Phe Gly Ser Thr Ser Glu Val Asp
        275                 280                 285

Glu Lys Asp Phe Leu Glu Ile Ala Arg Gly Leu Val Asp Ser Gly Gln
    290                 295                 300

Ser Phe Leu Trp Val Val Arg Pro Gly Phe Val Lys Gly Ser Thr Trp
305                 310                 315                 320

Val Glu Pro Leu Pro Asp Gly Phe Leu Gly Glu Arg Gly Lys Ile Val
                325                 330                 335

Lys Trp Val Pro Gln Gln Glu Val Leu Ala His Pro Ala Ile Gly Ala
            340                 345                 350

Phe Trp Thr His Ser Gly Trp Asn Ser Thr Leu Glu Ser Val Cys Glu
        355                 360                 365
```

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                                                10
Gly Val Pro Met Ile Phe Ser Ser Phe Gly Gly Asp Gln Pro Leu Asn
    370                 375                 380


Ala Arg Tyr Met Ser Asp Val Leu Arg Val Gly Val Tyr Leu Glu Asn
385                 390                 395                 400


Gly Trp Glu Arg Gly Glu Val Val Asn Ala Ile Arg Arg Val Met Val
                405                 410                 415


Asp Glu Glu Gly Glu Tyr Ile Arg Gln Asn Ala Arg Val Leu Lys Gln
            420                 425                 430


Lys Ala Asp Val Ser Leu Met Lys Gly Gly Ser Ser Tyr Glu Ser Leu
        435                 440                 445


Glu Ser Leu Val Ser Tyr Ile Ser Ser Leu
    450                 455
```