SEQUENCE LISTING

<110> OBI Pharma Inc.
Yu, Cheng-Der Tony

<120> ANTIBODIES, PHARMACEUTICAL COMPOSITIONS AND USES THEREOF

<130> 5076-0014-PCT

<150> 61/977,824
<151> 2014-04-10

<150> 62/057,381
<151> 2014-09-30

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Ile Arg Gln Pro Ser Gly Lys Gly Leu Glu Trp Leu Ala His Ile Trp
35 40 45

Trp Asp Asp Asp Lys Tyr Tyr Asn Pro Ala Leu Lys Ser Arg Leu Thr
50 55 60

Val Ser Lys Asp Thr Ser Lys Asn Gln Val Phe Leu Lys Ile Pro Asn
65 70 75 80

Val Asp Thr Ala Asp Ser Ala Thr Tyr Tyr Cys Ala Arg Val Arg Gly
85 90 95

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Val Thr Val Ser
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Val Ser Tyr Met His Trp Tyr Gln Gln Lys Pro Gly Ser Ser Pro Lys
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Pro Trp Ile Tyr Ala Thr Ser Asn Leu Ala Ser Gly Val Pro Ala Arg
35 40 45

Phe Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Arg
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35 40 45

Trp Asp Asp Asp Lys Tyr Tyr Asn Pro Ala Leu Lys Ser Arg Leu Thr
50 55 60

Val Ser Lys Asp Thr Ser Lys Asn Gln Val Phe Leu Lys Ile Pro Asn
65 70 75 80

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35 40 45

Phe Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Arg
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Ser Phe Ser Gly Phe Ser Leu Tyr Thr Phe Asp Met Gly Val Gly Trp
20 25 30

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35 40 45

Trp Asp Asp Asp Lys Tyr Tyr Asn Pro Gly Leu Lys Ser Arg Leu Thr
50 55 60

Ile Ser Lys Asp Thr Ser Lys Asn Gln Val Phe Leu Lys Ile Pro Asn
65 70 75 80

Val Asp Thr Ala Asp Ser Ala Thr Tyr Tyr Cys Ala Arg Ile Arg Gly
85 90 95

Leu Arg Asp Tyr Tyr Tyr Trp Phe Ala Tyr Trp Gly Gln Gly Thr Leu
100 105 110

Val Thr Val Ser
        115

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            20   25   30

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        35   40   45

Phe Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Arg
    50   55   60

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Asn Pro Phe Thr Phe Gly Ser Gly Thr Lys Leu Glu Ile Arg
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Gln Ile Trp Trp Asp Asp Asp Lys Tyr Tyr Asn Pro Gly Leu Lys Ser
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Ala Thr Ser Asn Leu Ala Ser
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            20                  25                  30


Ile Arg Gln Pro Ser Gly Lys Gly Leu Glu Trp Leu Ala His Ile Trp
        35                  40                  45


Trp Asp Asp Asp Lys Ser Tyr Asn Pro Ala Leu Lys Ser Arg Leu Thr
    50                  55                  60


Ile Ser Lys Asp Thr Ser Lys Asn Gln Val Phe Leu Met Ile Ala Asn
65                  70                  75                  80


Val Asp Thr Ala Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Gly Pro
                85                  90                  95


Lys Trp Ser Asn Tyr Tyr Tyr Tyr Cys Asp Tyr Trp Gly Gln Gly Thr
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Thr Leu Thr Val Ser
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            20                  25                  30


Pro Tyr Ile Tyr Ala Thr Ser Asn Leu Ser Ser Gly Val Pro Ala Arg
        35                  40                  45


Phe Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Arg
    50                  55                  60


Val Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser
65                  70                  75                  80


Asn Pro Phe Thr Phe Gly Ser Gly Thr Lys Leu Glu Ile Lys
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Ser Phe Ser Gly Phe Ser Leu Ser Thr Phe Gly Leu Gly Val Gly Trp
            20                  25                  30


Ile Arg Gln Pro Ser Gly Lys Gly Leu Glu Trp Leu Ala His Ile Trp
        35                  40                  45


Trp Asp Asp Asp Lys Ser Tyr Asn Pro Ala Leu Lys Ser Gln Leu Thr
    50                  55                  60


Ile Ser Lys Asp Thr Ser Lys Asn Gln Val Leu Leu Lys Ile Ala Asn
65                  70                  75                  80


Val Asp Thr Ala Asp Thr Ala Thr Tyr Tyr Cys Ala Arg Ile Gly Pro
                85                  90                  95


Lys Trp Ser Asn Tyr Tyr Tyr Tyr Cys Asp Tyr Trp Gly Gln Gly Thr
            100                 105                 110


Thr Leu Thr Val Ser
        115
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Val Ser Tyr Met His Trp Tyr Gln Gln Lys Pro Gly Ser Ser Pro Lys
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Pro Tyr Ile Tyr Ala Thr Ser Asn Leu Ser Ser Gly Val Pro Ala Arg
35 40 45

Phe Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Arg
50 55 60

Val Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser
65 70 75 80

Asn Pro Phe Thr Phe Gly Ser Gly Thr Lys Leu Glu Ile Lys
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ctggagtggc tggcacacat ttggtgggat gatgataagt actataaccc agccctgaag 180

agtcggctca cagtctccaa ggatacctcc aaaaaccagg tcttcctcaa gatccccaat 240

gtggacactg cagatagtgc cacatactac tgtgctcgag taaggggcct ccatgattat 300

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ctggagtggc tggcacaaat ttggtgggat gatgataagt actataaccc aggcctgaag 180

agtcggctca caatctccaa ggatacctcc aaaaaccagg tattcctcaa gatccccaat 240

gtggacactg cagatagtgc cacatactac tgtgctcgaa taaggggcct ccgtgattat 300

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Arg Leu Thr Val Ser Lys Asp Thr Ser Lys Asn Gln Val Phe Leu Lys
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Ile Pro Asn Val Asp Thr Ala Asp Ser Ala Thr Tyr Tyr Cys Ala Arg
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<210> 86
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Gly Val Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser
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Leu Thr Ile Ser Arg Val Glu Ala Glu Asp Ala Ala Thr Tyr Phe Cys
20 25 30

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Thr Phe Ser Gly Phe Ser Leu
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Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys
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Met Thr Asn Met Asp Pro Val Asp Thr Ala Thr Tyr Tyr Cys Ala Arg
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Phe Thr Ile Ser Ser Leu Gln Pro Glu Asp Ile Ala Thr Tyr Tyr Cys
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