

SEQUENCE LISTING

<110> Novo Nordisk A/S

<120> EXPRESSION OF PROTEINS IN E. COLI

<130> 7614.204-WO

<160> 10

<170> PatentIn version 3.3

<210> 1

<211> 423

<212> DNA

<213> Homo sapiens

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gagaccaact gtgagtggtc cgctttctcc tgtttcaga aagcccagct gaaatccgca      180
aacaccggta acaacgaacg tatcatcaac gtttccatta aaaaactgaa acgtaaaccg      240
ccgtccacca acgcaggtcg tcgtcagaaa caccgtctga cctgcccgtc ctgtgattct      300
tatgagaaaa aaccgccgaa agaattcctg gaacgtttca aatccctgct gcagaaaatg      360
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<210> 2

<211> 133

<212> PRT

<213> Homo sapiens

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20           25           30
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Pro Ala Pro Glu Asp Val Glu Thr Asn Cys Glu Trp Ser Ala Phe Ser
35           40           45
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```
Cys Phe Gln Lys Ala Gln Leu Lys Ser Ala Asn Thr Gly Asn Asn Glu
50           55           60
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Arg Ile Ile Asn Val Ser Ile Lys Lys Leu Lys Arg Lys Pro Pro Ser
65 70 75 80

Thr Asn Ala Gly Arg Arg Gln Lys His Arg Leu Thr Cys Pro Ser Cys
85 90 95

Asp Ser Tyr Glu Lys Lys Pro Pro Lys Glu Phe Leu Glu Arg Phe Lys
100 105 110

Ser Leu Leu Gln Lys Met Ile His Gln His Leu Ser Ser Arg Thr His
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Gly Ser Glu Asp Ser
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caactgtgag tgggtccgctt tctcctgttt ccagaaagcc cagctgaaat ccgcaaacac 180
cggtaacaac gaacgtatca tcaacgtttc cattaataaaa ctgaaacgta aaccgccgctc 240
caccaacgca ggtcgtcgtc agaaacaccg tctgacctgc ccgtcctgtg attcttatga 300
gaaaaaacccg ccgaaagaat tcttgaacg tttcaaatec ctgctgcaga aaatgattca 360
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<213> Artificial

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Thr Cys Ala Ala Cys Thr Thr Ala Thr Ala Gly Ala Thr Ala Thr Thr
35 40 45

Gly Thr Thr Gly Ala Thr Cys Ala Gly Cys Thr Gly Ala Ala Ala Ala
50 55 60

Ala Thr Thr Ala Thr Gly Thr Gly Ala Ala Thr Gly Ala Cys Cys Thr
65 70 75 80

Gly Gly Thr Thr Cys Cys Gly Gly Ala Ala Thr Thr Cys Cys Thr Gly
85 90 95

Cys Cys Gly Gly Cys Thr Cys Cys Gly Gly Ala Ala Gly Ala Thr Gly
100 105 110

Thr Thr Gly Ala Gly Ala Cys Cys Ala Ala Cys Thr Gly Thr Gly Ala
115 120 125

Gly Thr Gly Gly Thr Cys Cys Gly Cys Thr Thr Thr Cys Thr Cys Cys
130 135 140

Thr Gly Thr Thr Thr Cys Cys Ala Gly Ala Ala Ala Gly Cys Cys Cys
145 150 155 160

Ala Gly Cys Thr Gly Ala Ala Ala Thr Cys Cys Gly Cys Ala Ala Ala
165 170 175

Cys Ala Cys Cys Gly Gly Thr Ala Ala Cys Ala Ala Cys Gly Ala Ala
180 185 190

Cys Gly Thr Ala Thr Cys Ala Thr Cys Ala Ala Cys Gly Thr Thr Thr
195 200 205

Cys Cys Ala Thr Thr Ala Ala Ala Ala Ala Cys Thr Gly Ala Ala
210 215 220

Ala Cys Gly Thr Ala Ala Ala Cys Cys Gly Cys Cys Gly Thr Cys Cys
225 230 235 240

Ala Cys Cys Ala Ala Cys Gly Cys Ala Gly Gly Thr Cys Gly Thr Cys
245 250 255

Gly Thr Cys Ala Gly Ala Ala Ala Cys Ala Cys Cys Gly Thr Cys Thr
260 265 270

Gly Ala Cys Cys Thr Gly Cys Cys Cys Gly Thr Cys Cys Thr Gly Thr
275 280 285

Gly Ala Thr Thr Cys Thr Thr Ala Thr Gly Ala Gly Ala Ala Ala Ala
290 295 300

Ala Ala Cys Cys Gly Cys Cys Gly Ala Ala Ala Gly Ala Ala Thr Thr
305 310 315 320

Cys Cys Thr Gly Gly Ala Ala Cys Gly Thr Thr Thr Cys Ala Ala Ala
325 330 335

Thr Cys Cys Cys Thr Gly Cys Thr Gly Cys Ala Gly Ala Ala Ala Ala
340 345 350

Thr Gly Ala Thr Thr Cys Ala Cys Cys Ala Gly Cys Ala Cys Cys Thr
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Gly Thr Cys Cys Thr Cys Thr Cys Gly Thr Ala Cys Cys Cys Ala Cys
370 375 380

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Gly Ala Thr Gly Ala
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Met Lys Met Lys
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Met Lys Ser Lys
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Met Lys Thr Lys

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