

SEQUENCE LISTING

5 <110> Wacker Chemie AG
Koch, Dr. Johanna
Brunner, Markus

10 <120> Bakterienstamm zur Freisetzung eines rekombinanten Proteins in
einem Fermentationsverfahren

<130> CO11724

<160> 7

15 <170> PatentIn version 3.5

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40 ataattttgt ttaagaattc taaggaggaa attatatgca actgaacaaa gtgctgaaag
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gcattgctggg tgccggcact ggtatggatg cgaacggcgg caacggcaac atgtcttccg
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tgcgtagcaa cccgtcttac aaagtcaccg tagaagggtca cgcggacgaa cgtgggtactc
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10 720

aattgcaagc tggccgacgc gtcccacagc cgccagttcc gctggcgga ttttaacttt
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40 180

ataattttgt ttaagaattc taaggaggaa attatatgaa aaagacagct atcgcgattg
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cagtggcact ggctggtttc gctaccgtag cgcaggctgc cgcagaggca gatgatattt
45 300

tcggtgagct aagctctggt aagaatgcac cgaaaacggg gggaggggcg aaagggaaca
50 360

atgcttcgcc tgccgggagt ggtaatacta aaaacaatgg cgcacaggg gccgatatca
420

ataactatgc cgggcagatt aaatctgcta tcgaaagtaa gttctatgac gcatcgtoct
480

atgcaggcaa aacctgtacg ctgcgcataa aactggcacc cgatgggtatg ttactggata
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tcaaacctga aggtggcgat cccgcacttt gtcaggctgc gttggcagca gctaaacttg
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cgaagatccc gaaaccacca agccaggcag tatatgaagt gttcaaaaac gcaccattgg
10 660

acttcaaacc gtaagaattg caagctggcc gacgcgtccc acagccgcca gttccgctgg
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aaagcaagcg gctatatattt taccagctat tatatgtatt gggtgaaaca ggcaccgggt
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45 300

aaattttaaaa gcaaagccac cctgaccgtt gataaaaagcg caagcaccgc atatatggaa
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25 tagtccgggt gaacgtgcaa ccattagctg tcgtgcaagc cagcgtgtta gcagcagcac
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<211> 173

10 <212> PRT

<213> Escherichia coli

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15 <221> PEPTIDE

<222> (1)..(173)

<223> Wildtyp-Pal-Protein

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30 Ser Glu Gly Met Leu Gly Ala Gly Thr Gly Met Asp Ala Asn Gly Gly
35 40 45

35 Asn Gly Asn Met Ser Ser Glu Glu Gln Ala Arg Leu Gln Met Gln Gln
50 55 60

Leu Gln Gln Asn Asn Ile Val Tyr Phe Asp Leu Asp Lys Tyr Asp Ile
65 70 75 80

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Arg Ser Asp Phe Ala Gln Met Leu Asp Ala His Ala Asn Phe Leu Arg
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45 Ser Asn Pro Ser Tyr Lys Val Thr Val Glu Gly His Ala Asp Glu Arg
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50 Gly Thr Pro Glu Tyr Asn Ile Ser Leu Gly Glu Arg Arg Ala Asn Ala
115 120 125

Val Lys Met Tyr Leu Gln Gly Lys Gly Val Ser Ala Asp Gln Ile Ser
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 35 35 40 45

Glu Glu Gln Ala Arg Leu Gln Met Gln Gln Leu Gln Gln Asn Asn Ile
 50 55 60

40 Val Tyr Phe Asp Leu Asp Lys Tyr Asp Ile Arg Ser Asp Phe Ala Gln
 65 70 75 80

45 Met Leu Asp Ala His Ala Asn Phe Leu Arg Ser Asn Pro Ser Tyr Lys
 85 90 95

Val Thr Val Glu Gly His Ala Asp Glu Arg Gly Thr Pro Glu Tyr Asn
 50 100 105 110

Ile Ser Leu Gly Glu Arg Arg Ala Asn Ala Val Lys Met Tyr Leu Gln
 115 120 125

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Gly Lys Gly Val Ser Ala Asp Gln Ile Ser Ile Val Ser Tyr Gly Lys
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15 <211> 834

<212> DNA

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cctgacgctt tttatcgcaa ctctctactg tttctccata cccgtttttt tgggctagaa
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ataattttgt ttaagaattc taaggaggaa attatatgca actgaacaaa gtgctgaaag
 240

40

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gcaatgacgg cagcgaaggc atgctgggtg ccggcactgg tatggatgcg aacggcggca
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acggcaacat gtcttccgaa gagcaggctc gtctgcaaat gcaacagctg cagcagaaca
 420

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acatcggttta cttcgatctg gacaagtacg atatccgttc tgacttcgct caaatgctgg
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atgcacatgc aaacttcctg cgtagcaacc cgtcttataa agtcaccgta gaaggtcacg
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cggacgaacg tggactccg gaatacaaca tctccctggg tgaacgtcgt gcgaacgccg
600

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gtaaagaaaa acctgcagta ctgggtcatg acgaagcggc atactccaaa aaccgtcgtg
720

10 cgggtactggt ttactaagaa ttgcaagctg gccgacgcgt cccacagccg ccagttccgc
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<210> 7

<211> 173

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<222> (1)..(173)

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Asn	Gly	Asn	Met	Ser	Ser	Glu	Glu	Gln	Ala	Arg	Leu	Gln	Met	Gln	Gln
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Leu	Gln	Gln	Asn	Asn	Ile	Val	Tyr	Phe	Asp	Leu	Asp	Lys	Tyr	Asp	Ile
65					70					75				80	

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Arg	Ser	Asp	Phe	Ala	Gln	Met	Leu	Asp	Ala	His	Ala	Asn	Phe	Leu	Arg
				85					90					95	

55

	Ser	Asn	Pro	Ser	Tyr	Lys	Val	Thr	Val	Glu	Gly	His	Ala	Asp	Glu	Arg
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10	Val	Lys	Met	Tyr	Leu	Gln	Gly	Lys	Gly	Val	Ser	Ala	Asp	Gln	Ile	Ser
		130					135					140				
15	Ile	Val	Ser	Tyr	Gly	Lys	Glu	Lys	Pro	Ala	Val	Leu	Gly	His	Asp	Glu
	145					150					155					160
20	Ala	Ala	Tyr	Ser	Lys	Asn	Arg	Arg	Ala	Val	Leu	Val	Tyr			
					165					170						