

P13-136PCT_SL
SEQUENCE LISTING

<110> EMD MILLIPORE CORPORATION

<120> METHODS OF CLEANING A PROTEIN A BASED AFFINITY
CHROMATOGRAPHY COLUMN

<130> P 13/136 PCT

<140>

<141>

<150> 61/873,450

<151> 2013-09-04

<160> 4

<170> PatentIn version 3.5

<210> 1

<211> 58

<212> PRT

<213> Staphylococcus aureus

<400> 1

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

Ser	Leu	Lys	Asp	Asp	Pro	Ser	Val	Ser	Lys	Glu	Ile	Leu	Ala	Glu	Ala
		35					40					45			

Lys	Lys	Leu	Asn	Asp	Ala	Gln	Ala	Pro	Lys
	50					55			

<210> 2

<211> 174

<212> DNA

<213> Staphylococcus aureus

<400> 2

gcggataaca aattcaacaa ggagcaacag aacgcattct atgaaattct gcacctgccg

60

P13-136PCT_SL

aatctgacgg aggagcaacg taacggcttt atccagtccc tgaaggatga tccgtctgtg 120
tctaaagaga tcctggcgga ggcaaaaaaa ctgaatgatg cacaagctcc gaaa 174

<210> 3

<211> 290

<212> PRT

<213> Artificial Sequence

<220>

<221> source

<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<400> 3

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

Ser Leu Lys Asp Asp Pro Ser Val Ser Lys Glu Ile Leu Ala Glu Ala
35 40 45

Lys Lys Leu Asn Asp Ala Gln Ala Pro Lys Ala Asp Asn Lys Phe Asn
50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Leu Pro Asn Leu
65 70 75 80

Thr Glu Glu Gln Arg Asn Lys Phe Ile Gln Ser Leu Lys Asp Asp Pro
85 90 95

Ser Val Ser Lys Glu Ile Leu Ala Glu Ala Lys Lys Leu Asn Asp Ala
100 105 110

Gln Ala Pro Lys Ala Asp Asn Lys Phe Asn Lys Glu Gln Gln Asn Ala
115 120 125

P13-136PCT_SL

Phe Tyr Glu Ile Leu His Leu Pro Asn Leu Thr Glu Glu Gln Arg Asn
130 135 140

Lys Phe Ile Gln Ser Leu Lys Asp Asp Pro Ser Val Ser Lys Glu Ile
145 150 155 160

Leu Ala Glu Ala Lys Lys Leu Asn Asp Ala Gln Ala Pro Lys Ala Asp
165 170 175

Asn Lys Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu His
180 185 190

Leu Pro Asn Leu Thr Glu Glu Gln Arg Asn Lys Phe Ile Gln Ser Leu
195 200 205

Lys Asp Asp Pro Ser Val Ser Lys Glu Ile Leu Ala Glu Ala Lys Lys
210 215 220

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

Gln Gln Asn Ala Phe Tyr Glu Ile Leu His Leu Pro Asn Leu Thr Glu
245 250 255

Glu Gln Arg Asn Lys Phe Ile Gln Ser Leu Lys Asp Asp Pro Ser Val
260 265 270

Ser Lys Glu Ile Leu Ala Glu Ala Lys Lys Leu Asn Asp Ala Gln Ala
275 280 285

Pro Lys
290

<210> 4
<211> 271
<212> PRT

P13-136PCT_SL

<213> Artificial Sequence

<220>

<221> source

<223> /note="Description of Artificial Sequence: Synthetic polypeptide"

<400> 4

Ala	Phe	Asn	Lys	Glu	Gln	Gln	Asn	Ala	Phe	Tyr	Glu	Ile	Leu	His	Leu
1				5				10					15		

Pro	Asn	Leu	Thr	Glu	Glu	Gln	Arg	Asn	Lys	Phe	Ile	Gln	Ser	Leu	Lys
			20					25					30		

Asp	Asp	Pro	Ser	Val	Ser	Lys	Glu	Ile	Leu	Ala	Glu	Ala	Lys	Lys	Leu
		35					40					45			

Asn	Asp	Ala	Gln	Ala	Pro	Lys	Phe	Asn	Lys	Glu	Gln	Gln	Asn	Ala	Phe
	50					55					60				

Tyr	Glu	Ile	Leu	His	Leu	Pro	Asn	Leu	Thr	Glu	Glu	Gln	Arg	Asn	Lys
65					70					75					80

Phe	Ile	Gln	Ser	Leu	Lys	Asp	Asp	Pro	Ser	Val	Ser	Lys	Glu	Ile	Leu
			85						90					95	

Ala	Glu	Ala	Lys	Lys	Leu	Asn	Asp	Ala	Gln	Ala	Pro	Lys	Phe	Asn	Lys
			100					105					110		

Glu	Gln	Gln	Asn	Ala	Phe	Tyr	Glu	Ile	Leu	His	Leu	Pro	Asn	Leu	Thr
			115				120					125			

Glu	Glu	Gln	Arg	Asn	Lys	Phe	Ile	Gln	Ser	Leu	Lys	Asp	Asp	Pro	Ser
	130					135					140				

Val	Ser	Lys	Glu	Ile	Leu	Ala	Glu	Ala	Lys	Lys	Leu	Asn	Asp	Ala	Gln
145					150					155					160

P13-136PCT_SL

Ala Pro Lys Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu
165 170 175

His Leu Pro Asn Leu Thr Glu Glu Gln Arg Asn Lys Phe Ile Gln Ser
180 185 190

Leu Lys Asp Asp Pro Ser Val Ser Lys Glu Ile Leu Ala Glu Ala Lys
195 200 205

Lys Leu Asn Asp Ala Gln Ala Pro Lys Phe Asn Lys Glu Gln Gln Asn
210 215 220

Ala Phe Tyr Glu Ile Leu His Leu Pro Asn Leu Thr Glu Glu Gln Arg
225 230 235 240

Asn Lys Phe Ile Gln Ser Leu Lys Asp Asp Pro Ser Val Ser Lys Glu
245 250 255

Ile Leu Ala Glu Ala Lys Lys Leu Asn Asp Ala Gln Ala Pro Lys
260 265 270