

SEQUENCE LISTING

<110> Kagoshima University
Daicel Corporation

<120> A solid carrier comprising IgG binding peptide and a method for
separating IgG

<130> PH-7113-PCT

<150> JP 2016-225483

<151> 2016-11-18

<160> 31

<170> PatentIn version 3.5

<210> 1

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative
thereof

<400> 1

Asp Cys Ala Tyr His Xaa Gly Glu Leu Val Trp Cys Thr

1

5

10

<210> 2

<211> 17

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (8).. (8)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 2

Gly	Pro	Asp	Cys	Ala	Tyr	His	Xaa	Gly	Glu	Leu	Val	Trp	Cys	Thr	Phe
1				5				10					15		

His

<210> 3

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 3

Arg	Cys	Ala	Tyr	His	Xaa	Gly	Glu	Leu	Val	Trp	Cys	Ser
1				5				10				

<210> 4
<211> 17
<212> PRT
<213> Artificial

<220>
<223> Synthetic construct

<220>
<221> misc_feature
<222> (8).. (8)
<223> Xaa is arginine, lysine, leucine, asparagine, or derivative
thereof

<400> 4

Gly	Pro	Arg	Cys	Ala	Tyr	His	Xaa	Gly	Glu	Leu	Val	Trp	Cys	Ser	Phe
1				5				10					15		

His

<210> 5
<211> 17
<212> PRT
<213> Artificial

<220>
<223> Synthetic construct

<220>
<221> misc_feature
<222> (8).. (8)
<223> Xaa is arginine, lysine, leucine, asparagine, or derivative
thereof

<400> 5

Ser Pro Asp Cys Ala Tyr His Xaa Gly Glu Leu Val Trp Cys Thr Phe
1 5 10 15

His

<210> 6
<211> 17
<212> PRT
<213> Artificial

<220>
<223> Synthetic construct

<220>
<221> misc_feature
<222> (8).. (8)
<223> Xaa is arginine, lysine, leucine, asparagine, or derivative
thereof

<400> 6

Gly Asp Asp Cys Ala Tyr His Xaa Gly Glu Leu Val Trp Cys Thr Phe
1 5 10 15

His

<210> 7
<211> 17
<212> PRT
<213> Artificial

<220>
<223> Synthetic construct

<220>

<221> misc_feature

<222> (8)..(8)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 7

Gly	Pro	Ser	Cys	Ala	Tyr	His	Xaa	Gly	Glu	Leu	Val	Trp	Cys	Thr	Phe
1				5				10					15		

His

<210> 8

<211> 17

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (8)..(8)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 8

Gly	Pro	Asp	Cys	Ala	Tyr	His	Xaa	Gly	Glu	Leu	Val	Trp	Cys	Ser	Phe
1				5				10					15		

His

<210> 9

<211> 17
<212> PRT
<213> Artificial

<220>
<223> Synthetic construct

<220>
<221> misc_feature
<222> (8).. (8)
<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 9

Gly Pro Asp Cys Ala Tyr His Xaa Gly Glu Leu Val Trp Cys Thr His
1 5 10 15

His

<210> 10
<211> 17
<212> PRT
<213> Artificial

<220>
<223> Synthetic construct

<220>
<221> misc_feature
<222> (8).. (8)
<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 10

Gly Pro Asp Cys Ala Tyr His Xaa Gly Glu Leu Val Trp Cys Thr Phe

1 5 10 15

Tyr

<210> 11
<211> 17
<212> PRT
<213> Artificial

<220>
<223> Synthetic construct

<220>
<221> misc_feature
<222> (8)..(8)
<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 11

Ser Pro Asp Cys Ala Tyr His Xaa Gly Glu Leu Val Trp Cys Thr Phe
1 5 10 15

Tyr

<210> 12
<211> 17
<212> PRT
<213> Artificial

<220>
<223> Synthetic construct

<220>

<221> misc_feature
<222> (8).. (8)
<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 12

Ser	Asp	Asp	Cys	Ala	Tyr	His	Xaa	Gly	Glu	Leu	Val	Trp	Cys	Thr	Phe
1				5					10					15	

Tyr

<210> 13
<211> 17
<212> PRT
<213> Artificial

<220>
<223> Synthetic construct

<220>
<221> misc_feature
<222> (8).. (8)
<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 13

Arg	Gly	Asn	Cys	Ala	Tyr	His	Xaa	Gly	Gln	Leu	Val	Trp	Cys	Thr	Tyr
1				5					10					15	

His

<210> 14
<211> 17

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (2).. (2)

<223> Xaa is homoserine

<220>

<221> misc_feature

<222> (8).. (8)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<220>

<221> misc_feature

<222> (16).. (16)

<223> Xaa is homoserine

<400> 14

Gly Xaa Asp Cys Ala Tyr His Xaa Gly Glu Leu Val Trp Cys Thr Xaa

1

5

10

15

His

<210> 15

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 15

Asp Cys Thr Tyr His Xaa Gly Asn Leu Val Trp Cys Thr
1 5 10

<210> 16

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 16

Asp Cys Ala Tyr His Xaa Gly Asn Leu Val Trp Cys Thr
1 5 10

<210> 17

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 17

Asp Cys Thr Tyr His Xaa Gly Glu Leu Val Trp Cys Thr
1 5 10

<210> 18

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 18

Asp Cys Ala Trp His Xaa Gly Glu Leu Val Trp Cys Thr
1 5 10

<210> 19

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 19

Asp Cys Thr Tyr Thr Xaa Gly Asn Leu Val Trp Cys Thr
1 5 10

<210> 20

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 20

Asp Cys Ala Tyr Thr Xaa Gly Asn Leu Val Trp Cys Thr
1 5 10

<210> 21

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6)..(6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 21

Asp	Cys	Ser	Tyr	Thr	Xaa	Gly	Asn	Leu	Val	Trp	Cys	Thr
1				5					10			

<210> 22

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6)..(6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 22

Asp	Cys	Thr	Trp	Thr	Xaa	Gly	Asn	Leu	Val	Trp	Cys	Thr
1				5					10			

<210> 23

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 23

Asp Cys Thr Tyr His Xaa Gly Asn Leu Val Trp Cys Thr
1 5 10

<210> 24

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 24

Asp Cys Thr Tyr Arg Xaa Gly Asn Leu Val Trp Cys Thr
1 5 10

<210> 25

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 25

Asp	Cys	Thr	Tyr	Ser	Xaa	Gly	Asn	Leu	Val	Trp	Cys	Thr
1				5					10			

<210> 26

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 26

Asp	Cys	Thr	Tyr	Thr	Xaa	Gly	Asn	Leu	Val	Trp	Cys	Thr
1				5					10			

<210> 27

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 27

Asp Cys Thr Tyr Thr Xaa Gly Glu Leu Val Trp Cys Thr
1 5 10

<210> 28

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6).. (6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 28

Asp Cys Thr Tyr Thr Xaa Gly Arg Leu Val Trp Cys Thr
1 5 10

<210> 29

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6)..(6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 29

Asp Cys Thr Tyr Thr Xaa Gly Asp Leu Val Trp Cys Thr
1 5 10

<210> 30

<211> 13

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<220>

<221> misc_feature

<222> (6)..(6)

<223> Xaa is arginine, lysine, leucine, asparagine, or derivative thereof

<400> 30

Asp Cys Thr Tyr Thr Xaa Gly Asn Leu Ile Trp Cys Thr
1 5 10

<210> 31

<211> 17

<212> PRT

<213> Artificial

<220>

<223> Synthetic construct

<400> 31

Gly Pro Asp Cys Ala Tyr His Arg Gly Glu Leu Val Trp Cys Thr Phe
1 5 10 15

His