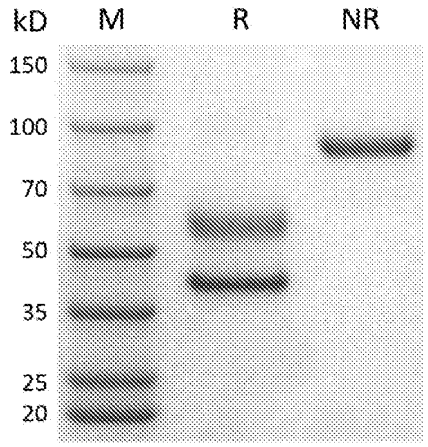
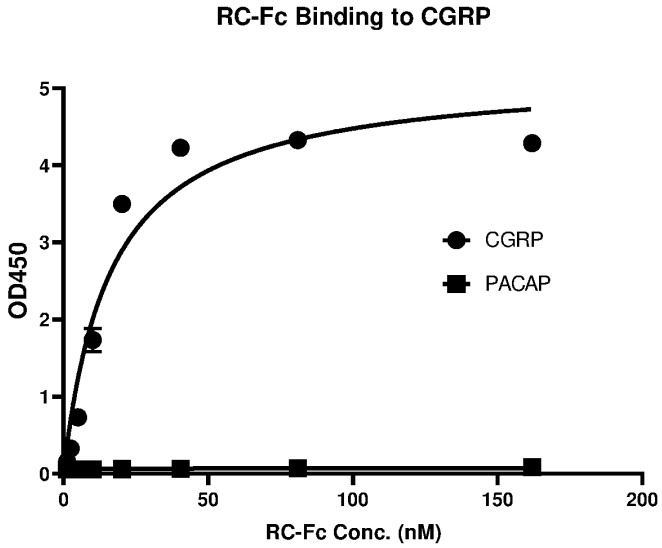


图 1



	CGRP	PACAP
One site -- Specific binding		
Best-fit values		
Bmax	5.198	0.06873
Kd	16.12	0.5274
95% CI (profile likelihood)		
Bmax	4.711 to 5.741	0.06195 to 0.07589
Kd	11.83 to 21.95	0.08463 to 1.213

图 2

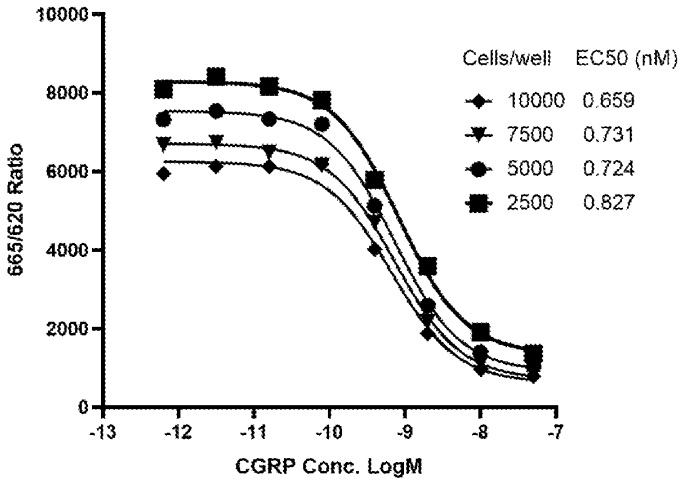

10000
8000
6000
4000
2000
0
665/620 Ratio
-13
-12
-11
-10
-9
-8
-7
CGRP Conc. LogM
Cells/well EC50 (nM)
10000 0.659
7500 0.731
5000 0.724
2500 0.827

图 3

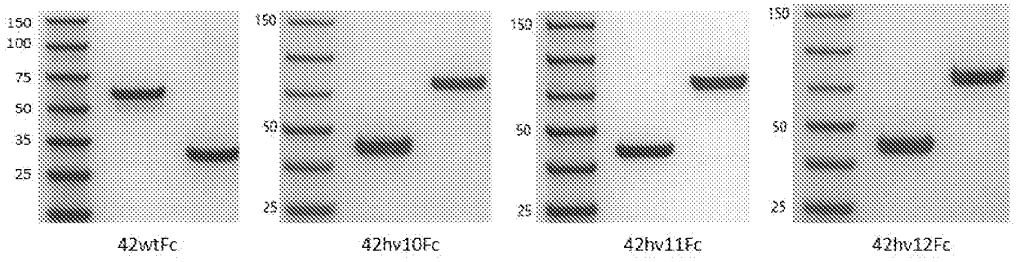

150
100
75
50
35
25
42wtFc
42hv10Fc
42hv11Fc
42hv12Fc

图 4

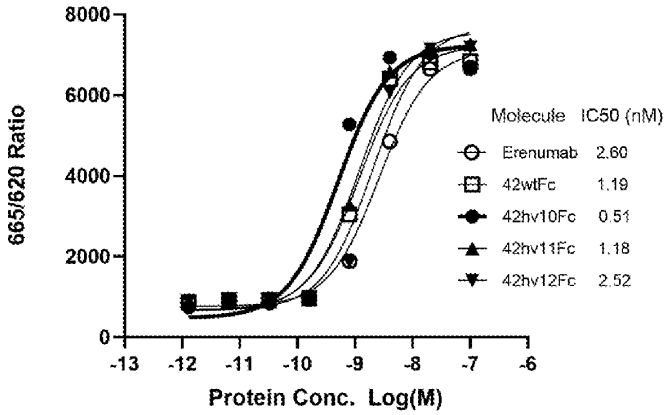


图 5

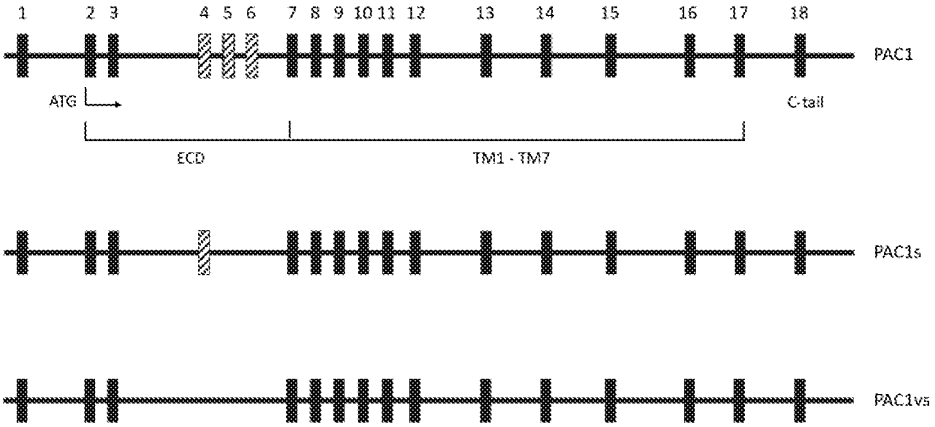


图 6

PACAP38	HSDGIFTDSYSRYRKQMAVKKYLAAVLGKRYKQRVKNK-NH_2
PACAP 27	----------NH_2
VIP	---AV---N-T-L----------NSI-N-NH_2

图 7

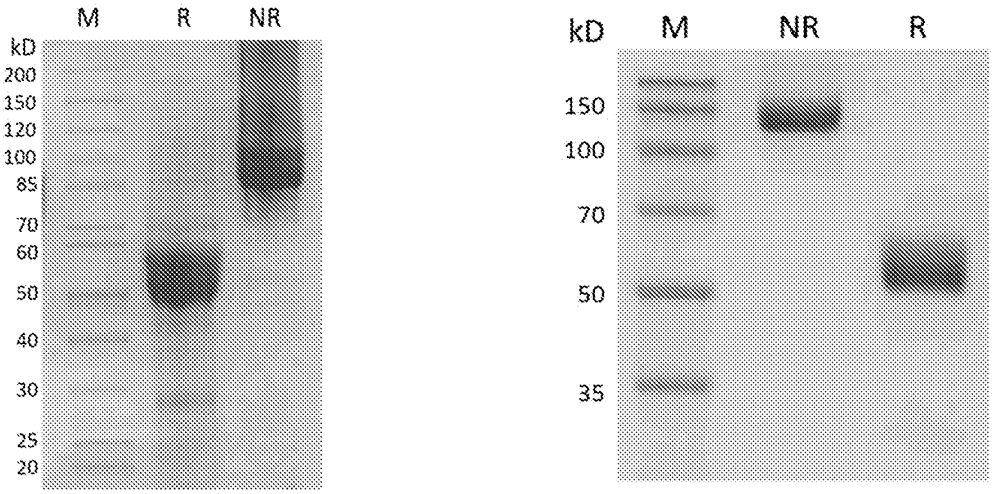

M
R
NR
kD
200
150
120
100
85
70
60
50
40
30
25
20
kD
M
NR
R
150
100
70
50
35

图 8

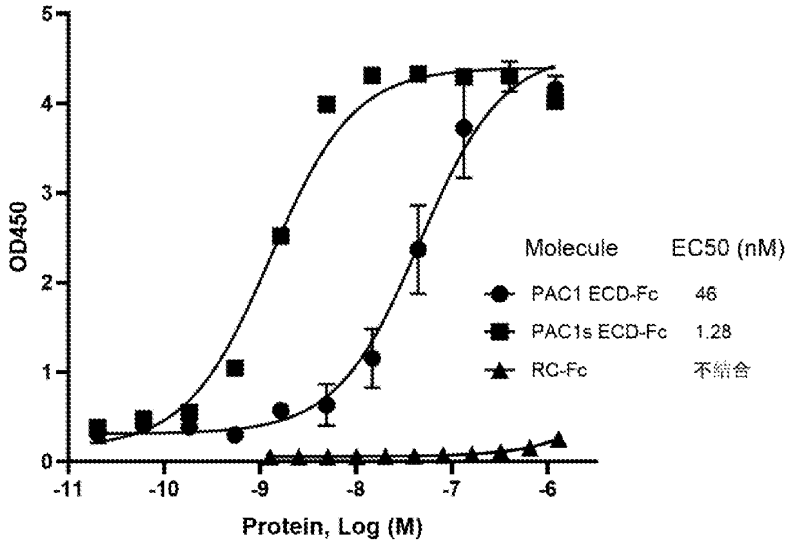

OD450
Protein, Log (M)
Molecule
EC50 (nM)
PAC1 ECD-Fc
46
PAC1s ECD-Fc
1.28
RC-Fc
不结合

图 9

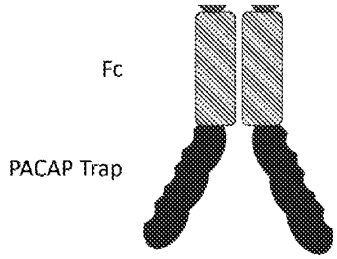

Fc
PACAP Trap

图 10

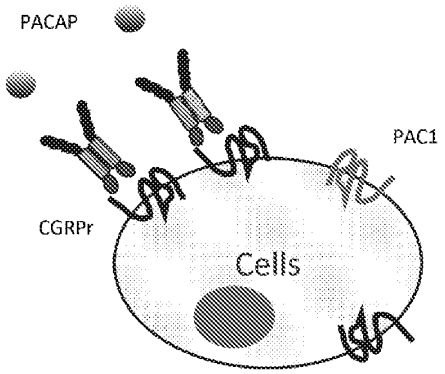

PACAP
PAC1
CGRPr
Cells

图 11

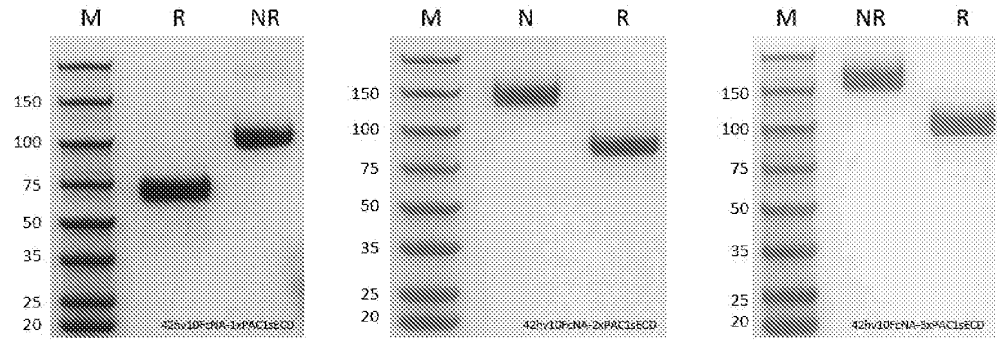

M
R
NR
150
100
75
50
35
25
20
M
N
R
150
100
75
50
35
25
20
M
NR
R
150
100
75
50
35
25
20

图 12

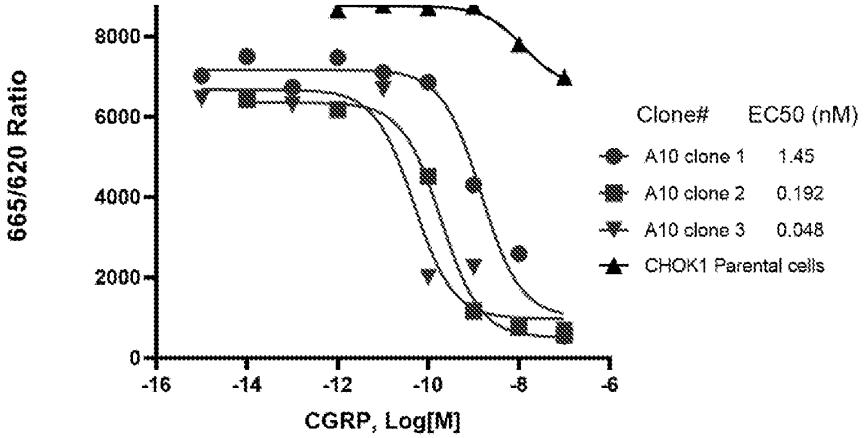

665/620 Ratio
8000
6000
4000
2000
0
-16
-14
-12
-10
-8
-6
CGRP, Log[M]
Clone# EC50 (nM)
A10 clone 1 1.45
A10 clone 2 0.192
A10 clone 3 0.048
CHOK1 Parental cells

图 13

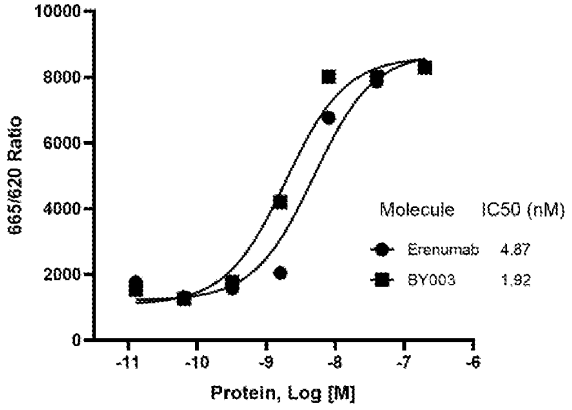

665/620 Ratio
10000
8000
6000
4000
2000
0
-11
-10
-9
-8
-7
-6
Protein, Log [M]
Molecule IC50 (nM)
Erenumab 4.87
BY003 1.92

图 14

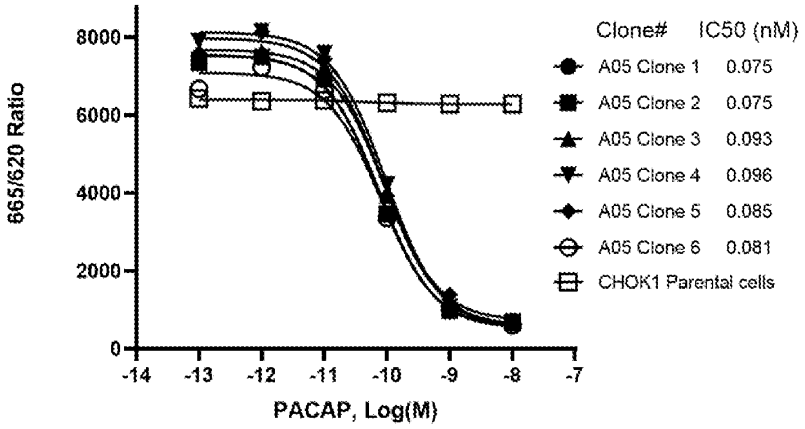

665/620 Ratio
8000
6000
4000
2000
0
-14
-13
-12
-11
-10
-9
-8
-7
PACAP, Log(M)
Clone# IC50 (nM)
A05 Clone 1 0.075
A05 Clone 2 0.075
A05 Clone 3 0.093
A05 Clone 4 0.096
A05 Clone 5 0.085
A05 Clone 6 0.081
CHOK1 Parental cells

图 15

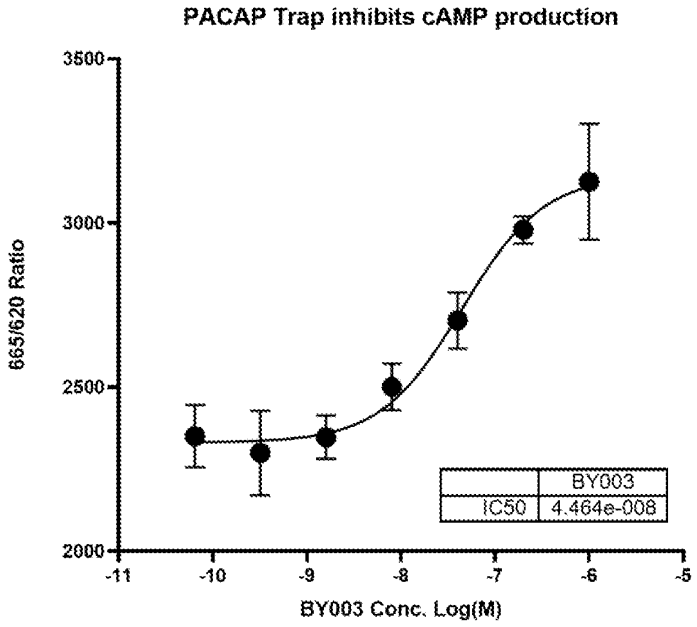

PACAP Trap inhibits cAMP production
665/620 Ratio
3500
3000
2500
2000
-11
-10
-9
-8
-7
-6
-5
BY003 Conc. Log(M)
BY003
IC50 4.464e-008

图 16