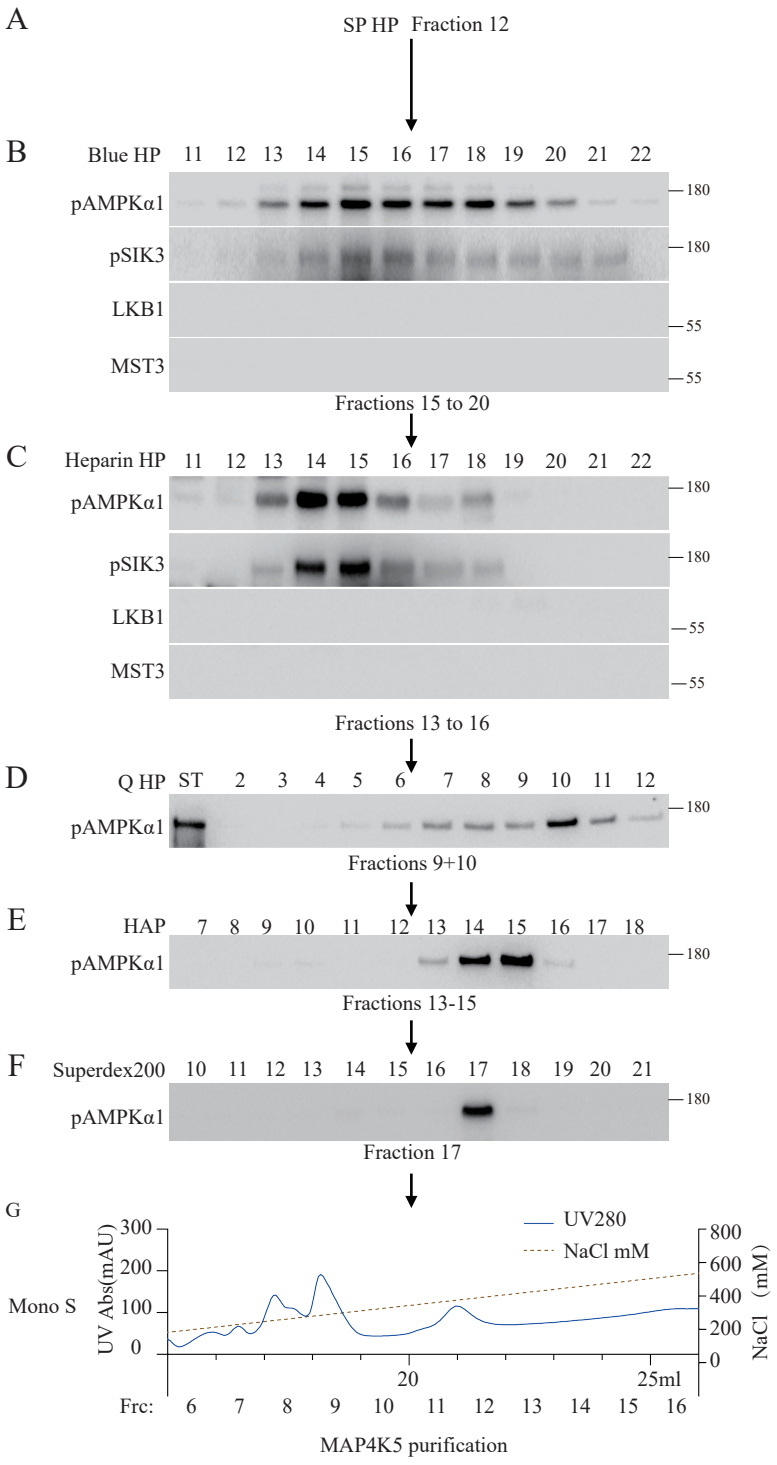
A
SP HP Fraction 12
B
Blue HP 11 12 13 14 15 16 17 18 19 20 21 22
pAMPKα1
pSIK3
LKB1
MST3
180
180
55
55
Fractions 15 to 20
C
Heparin HP 11 12 13 14 15 16 17 18 19 20 21 22
pAMPKα1
pSIK3
LKB1
MST3
180
180
55
55
Fractions 13 to 16
D
Q HP ST 2 3 4 5 6 7 8 9 10 11 12
pAMPKα1
180
Fractions 9+10
E
HAP 7 8 9 10 11 12 13 14 15 16 17 18
pAMPKα1
180
Fractions 13-15
F
Superdex200 10 11 12 13 14 15 16 17 18 19 20 21
pAMPKα1
180
Fraction 17
G
Mono S
UV Abs(mAU)
300
200
100
0
UV280
NaCl mM
800
600
400
200
0
NaCl (mM)
20
25ml
Frc: 6 7 8 9 10 11 12 13 14 15 16
MAP4K5 purification