

p21-Activated kinase 2, kinase domain

Reference: PDB: no structure available

Sequence: GPMTDEEIMEKLRITVSI^{GP}GDPKKKYTRYEKIGQGASGTVFTATDVALGQEVAIKQINLQKQPKKELIINEILVMKELKN
 PNIVNFLDSYLVGDEL^{GP}FVMEYLAGGSLTDVV^{GP}TETCMDEAQIAAVCRECLQALEFLHANQVIHRDIKSDNVLLGMEGSVKLTDFGF
 CAQITPEQSKRST^{GP}MVGTPYWMAPEVVTRKAYGPKVDIWSLGIMAIEMVEGEP^{GP}PYLNENPLRALYLIATNGTPELQNPEKLSPIFRDF
 LNRCL^{GP}EMDVEKRGSAKELLQHPFLKLA^{GP}KPLSSLTPLIMAAKEAMKSNR

- Underlined amino acids are part of HRV3C site after cleavage (GP) and start codon (M)
- PAK2-KD sequence is 227 – 524 of full-length PAK2

Properties: 300 amino acids, 33.5 kDa, pI = 5.3, 1 A280 = 1.5 mg/ml

Final Formulation: 4 mg/ml in 25 mM Tris-HCl, pH8.0, 150 mM NaCl, 10% glycerol, 5 mM DTT

