

p21-Activated kinase 4, kinase domain

Reference: PDB: 2BVA, 2J0I

Sequence: GPHMSHEQFRAALQLVVDPGDPRS^YLDNFIKIGEGSTGIVCIATVRSSGKLVAVKDLRKQQRRELLFNEVVIMRDYQHENVVEMYNSYLVGDELWVVMEFLEGGALTDIVTHTRMNEEQIAAVCLAVLQALS^VLHAQGV^IHRDIKSDSILLTHDGRVKLSDFGFCAQVSKEVPRRK^SLVGTPYWMAPELISRLPYGPEVDIWSLGLMVIEMVDGEPYPFNEPPLKAMK^MIRDNLPPRLKNLHKVSPSLKGLDRLLVRDPAQRATAAELLKHPFLAKAGPPASIVPLMRQNRTR

- Underlined amino acids are part of HRV3C site after cleavage (GP), linker (H) and start codon (M).
- PAK4-KD sequence is 300 – 591 of full-length human PAK4.
- Pak4-KD has a single phosphorylation on **S**474

Properties: 296 amino acids, calculated mass 33,309, measured mass 33,389, pI = 8.53, 1 A280 = 1.26 mg/ml

Final Formulation: 13 mg/ml in 25 mM Tris-HCl, pH7.0, 50 mM NaCl, 10% glycerol, 5 mM DTT

