

Recombinant Human PAK4 protein, His-SUMO-tagged

Cat. No. PAK4-3316H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAK4 protein(O96013)(1-426aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-426aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	63.9 kDa
AA Sequence	MFGKRKKRVEISAPSNFEHRVHTGFDQHEQKFTGLPRQWQSLIEESARRPKPLVDP ACITSIQPGAPKTIVRGSKGAKDGALTLTLLDEFENMSVTRSNSLRRDSPPPPARARQ ENGMPEKPPGPRSPQREPQRVSHEQFRAALQLVVDPGDPRS YLDNFIKIGEGSTGI VCIATVRSSGKLVAVKMDLRKQQRRELLFNEVVIMRDYQHENVVEMYNSYLVGDE LWVVMFLEGGALTDIVTHTRMNEEQIAAVCLAVLQALSVLHAQGVIHRDIKSDSILLT HDGRVKLSDFGFCAQVSKEVPRRKSLVGTPYWMAPELISRLPYGPEVDIWSLGIMVI EMVDGEPYPFNEPPLKAMKMIRDNLPPRLKNLHKVSPSLKGFDRLLVRDPAQRAT AAELLKHPFLAKAGPPASIVPLMRQNRTR

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	PAK4 p21 protein (Cdc42/Rac)-activated kinase 4 [Homo sapiens]
Official Symbol	PAK4
Synonyms	PAK4; p21 protein (Cdc42/Rac)-activated kinase 4; p21(CDKN1A) activated kinase 4; serine/threonine-protein kinase PAK 4; PAK-4; p21-activated kinase 4; p21(CDKN1A)-activated kinase 4; protein kinase related to S. cerevisiae STE20, effector for Cdc42Hs;
Gene ID	10298
mRNA Refseq	NM_001014831
Protein Refseq	NP_001014831
MIM	605451
UniProt ID	O96013

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