

Active Recombinant Human PAK3 protein, His-tagged

Cat. No. PAK3-1354H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAK3 protein(O75914-2)(Met1-Arg544), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Arg544
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	The specific activity was determined to be 98 nmol/min/mg using MBP as substrate.
Molecular Mass	The recombinant human PAK3 consists of 554 amino acids and predicts a molecular mass of 62 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % 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.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [PAK3 p21 protein \(Cdc42/Rac\)-activated kinase 3 \[Homo sapiens \]](#)

Official Symbol [PAK3](#)

Synonyms PAK3; p21 protein (Cdc42/Rac)-activated kinase 3; mental retardation, X linked 47 , MRX30, MRX47, p21 (CDKN1A) activated kinase 3; serine/threonine-protein kinase PAK 3; bPAK; hPAK3; PAK-3; beta-PAK; oligophrenin-3; p21-activated kinase 3; p21 (CDKN1A)-activated kinase 3; MRX30; MRX47; OPHN3; CDKN1A; PAK3beta;

Gene ID [5063](#)

mRNA Refseq [NM_001128166](#)

Protein Refseq [NP_001121638](#)

MIM [300142](#)

UniProt ID [O75914](#)

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