

Recombinant Human IP6K1 protein, His&GST-tagged

Cat. No. IP6K1-8629H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IP6K1 protein(Q92551-1) (Met1-Gln441) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-441 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly.
Molecular Mass	The recombinant human IHPK1 /GST chimera consists of 678 amino acids and has a calculated molecular mass of 78 kDa. The recombinant protein migrates approximately 88 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

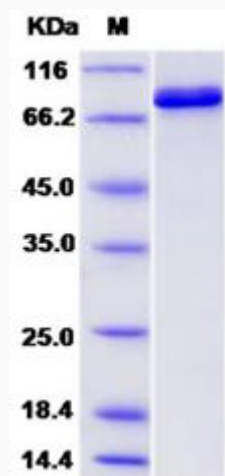
GENE INFORMATION

Gene Name	IP6K1 inositol hexakisphosphate kinase 1 [Homo sapiens]
Official Symbol	IP6K1
Synonyms	IP6K1; inositol hexakisphosphate kinase 1; IHPK1, inositol hexaphosphate kinase 1; KIAA0263; insP6 kinase 1; Pi uptake stimulator; inositol hexaphosphate kinase 1; ATP:1D-myo-inositol-hexakisphosphate phosphotransferase; PiUS; IHPK1; MGC9925;
Gene ID	9807
mRNA Refseq	NM_001006115
Protein Refseq	NP_001006115
MIM	606991
UniProt ID	Q92551

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SDS-PAGE

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