

Recombinant Human IP6K1 protein(Met1-Gln441), His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IHPK1 (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	Met1-Gln441
Form	Supplied as 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	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	Please refer to the hard copy of CoA.

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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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