

Recombinant Human IP6K2 protein, His-tagged

Cat. No. IP6K2-3315H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IP6K2 protein(1-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MSPAFRAMDVEPRAKGVLLPEFVHQVGGHSCVLRFNETTLCCKPLVPREHQFYETLP AEMRKFTPQYKGVSVRFEEDEDRNLCIAIYPLKGDHGIVDIVDNSDCEPKSKLLRW TTNKKHHVLETEKTPKDWVRQHRKEEKMKSHKLEEEFEWLKKSEVLYYTVEKKGNI SSQLKHYNPWSMKCHQQQLQRMKENAKHRNQYKFILLNLTSTRYEVPCVLDLKM TRQHGDDASEEKAANQIRKCQQSTSAVIGVRVCGMQVYQAGSGQLMFMNKYHGR KLSVQGFKEALFQFFHNGRYLRRELLGPVLKKLTTELKAVLERQESYRFYSSSLLVIYD GKERPEVVLDSDAE
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name IP6K2 inositol hexakisphosphate kinase 2 [Homo sapiens]

Official Symbol IP6K2

Synonyms

IP6K2; inositol hexakisphosphate kinase 2; IHPK2, inositol hexaphosphate kinase 2; insp6 kinase 2; pi uptake stimulator; inositol hexaphosphate kinase 2; ATP:1D-myo-inositol-hexakisphosphate phosphotransferase; PIUS; IHPK2;

Gene ID 51447

mRNA Refseq NM_001005909

Protein Refseq NP_001005909

MIM 606992

UniProt ID Q9UHH9

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