

Recombinant Human INPP5K protein, His-tagged

Cat. No. INPP5K-3300H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INPP5K protein(81-448 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	81-448 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	SPLSFIKVSHVRMQGILLVFAKYQHLPYIQLSTKSTPTGLFGYWGNKGGVNICLKLY GYYVSIINCHLPPHISNNYQRLEHFDRILEMQNCEGRDIPNILDHDLIIWFGDMNFRIE DFGLHFVRESIKNRCYGGWLWEKDQLSIKKHDPLLREFQEGRLLFPPTYKFDRNSND YDTSEKKRKPAWTDRLWRLKRQPCAGPDTPIPPASHFSLSLRGYSSHMTYGISDHK PVSGTFDLELKPLVSAPLIVLMPEDLWTVENDMMVSYSSSTDFPSSPWDWIGLYKV GLRDVNDYVSYAWVGDSKVSCSDNLNQVYIDISNIPTTEDEFLLCYYSNSLRSVVGIS RPFQIPPGSLREDPLGEAQPQI
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 $\mu\text{g}/\mu\text{l}$ 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 INPP5K inositol polyphosphate-5-phosphatase K [Homo sapiens]

Official Symbol INPP5K

Synonyms

INPP5K; inositol polyphosphate-5-phosphatase K; inositol polyphosphate 5-phosphatase K; skeletal muscle and kidney enriched inositol phosphatase; SKIP; skeletal muscle and kidney-enriched inositol phosphatase; PPS;

Gene ID 51763

mRNA Refseq NM_001135642

Protein Refseq NP_001129114

MIM 607875

UniProt ID Q9BT40

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