

## Recombinant Human INPP5K protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human INPP5K protein(81-448 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	81-448 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	SPLSFIKVS HV RM QG I L L L V F A K Y Q H L P Y I Q I L S T K S T P T G L F G Y W G N K G G V N I C L K L Y G Y Y V S I I N C H L P P H I S N N Y Q R L E H F D R I L E M Q N C E G R D I P N I L D H D L I I W F G D M N F R I E D F G L H F V R E S I K N R C Y G G L W E K D Q L S I A K K H D P L L R E F Q E G R L L F P P T Y K F D R N S N D Y D T S E K K R K P A W T D R I L W R L K R Q P C A G P D T P I P P A S H F S L S L R G Y S S H M T Y G I S D H K P V S G T F D L E L K P L V S A P L I V L M P E D L W T V E N D M M V S Y S S T S D F P S S P W D W I G L Y K V G L R D V N D Y V S Y A W V G D S K V S C S D N L N Q V Y I D I S N I P T T E D E F L L C Y Y S N S L R S V V G I S R P F Q I P P G S L R E D P L G E A Q P Q I
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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**

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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