

Recombinant Full Length Human INPP5K Protein, GST-tagged

Cat. No. INPP5K-5975HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human INPP5K full-length ORF (AAH04362, 1 a.a. - 448 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	448 amino acids
Description	This gene encodes a protein with 5-phosphatase activity toward polyphosphate inositol. The protein localizes to the cytosol in regions lacking actin stress fibers. It is thought that this protein may negatively regulate the actin cytoskeleton. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]
Molecular Mass	74.8 kDa
AA Sequence	MSSRKLSGPKGRRLSIHVVTWNVASAAPPLDLSDLLQLNNRNLNPDYVIGLQELNS GIISLLSDAAFNDWSWSSFLMDVLSPLSFIKVSHVRMQGILLLVFAKYQHLPYIQLSTKS TPTGLFGYWGNKGGVNICLKLYGYVSIINCHLPPHISNNYQRLEHFDRILEMQNCE GRDIPNILDHDLIIWFGDMNFRIEDFGLRFVRESIKNRCYGGWLWEKDQLSIKKHDPLL REFQEGRLLFPPTYKFDRNSNDYDTSEKKRKPAWTDRLWRLKRQPCAGPDTPIPP ASHFSLSLRGYSSHMTYGISDHKPVSGTFDLELKPLVSAPLIVLMPEDLWTVENDMM VSYSTSDFPSSPWDWIGLYKVGLRDVNDYVSYAWVGDSKVSCLNQLNQVYIDISNI PTTEDEFLLCYYNSLSRVSVGISRPFQIPPGSLREDPLGEAQPQI

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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