Recombinant Human INPP5K Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INPP5K-2027H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	INPP5K MS Standard C13 and N15-labeled recombinant protein (NP_570122) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	51.1 kDa
AA Sequence	MSSRKLSGPKGRRLSIHVVTWNVASAAPPLDLSDLLQLNNRNLNLDIYVIGLQELNS GIISLLSDAAFNDSWSSFLMDVLSPLSFIKVSHVRMQGILLLVFAKYQHLPYIQILSTKS TPTGLFGYWGNKGGVNICLKLYGYYVSIINCHLPPHISNNYQRLEHFDRILEMQNCE GRDIPNILDHDLIIWFGDMNFRIEDFGLHFVRESIKNRCYGGLWEKDQLSIAKKHDPLL REFQEGRLLFPPTYKFDRNSNDYDTSEKKRKPAWTDRILWRLKRQPCAGPDTPIPP ASHFSLSLRGYSSHMTYGISDHKPVSGTFDLELKPLVSAPLIVLMPEDLWTVENDMM VSYSSTSDFPSSPWDWIGLYKVGLRDVNDYVSYAWVGDSKVSCSDNLNQVYIDISNI PTTEDEFLLCYYSNSLRSVVGISRPFQIPPGSLREDPLGEAQPQITRTRPLEQKLISEE DLAANDILDYKDDDDKV

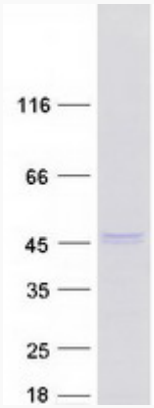
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	INPP5K inositol polyphosphate-5-phosphatase K [Homo sapiens (human)]
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_130766
Protein Refseq	NP_570122
MIM	607875
UniProt ID	Q9BT40

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SDS-PAGE	

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