

## Product datasheet for **TP312090M**

### SKIP (INPP5K) (NM\_130766) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human inositol polyphosphate-5-phosphatase K (INPP5K), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212090 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSSRKLSGPKGRRLSIHVVTWNVASAAPPLDLSDLLQLNRRNLNLDIYVIGLQELNSGIISLLSDAAFND  
SWSSFLMDVLSPLSFIKVSVMQGIILLVFAKYQHLPYIQLSTKSTPTGLFGYWGNGKGGVNICLKLYG  
YYVSIINCHLPPHISNNYQRLEHFDRILEMQNCEGRDIPNILDHDLIIFGDMNFRIEDFGLHFVRESIK  
NRCYGGLEWKDQLSIKKHDPDLLREFQEGRLLFPPTYKFDRNSNDYDTSEKRRKPAWTDRLWRLKRQPC  
AGPDTPIPPASHFSLSLRGYSSHMTYGISDHKPVSGTFDLELKPLVSAPLIVLMPEDLWTVENDMMVSY  
STSDFPSSPWDWIGLYKVGRLDNDYVSYAWVGDGSKVSCSDNLNQVYIDISNIPTTEDEFLLCYSNSLR  
SVVGISRPFQIPPGSLREDPLGEAQPQI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	42.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_570122](#)

Locus ID: 51763

UniProt ID: [Q9BT40](#), [Q9BT40-2](#)

RefSeq Size: 3232

Cytogenetics: 17p13.3

RefSeq ORF: 1347

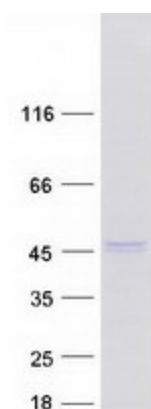
Synonyms: MDCCAID; PPS; SKIP

**Summary:** 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, Oct 2008]

**Protein Families:** Druggable Genome, Phosphatase

**Protein Pathways:** Inositol phosphate metabolism, Insulin signaling pathway, Metabolic pathways, Phosphatidylinositol signaling system

### Product images:



Coomassie blue staining of purified INPP5K protein (Cat# [TP312090]). The protein was produced from HEK293T cells transfected with INPP5K cDNA clone (Cat# [RC212090]) using MegaTran 2.0 (Cat# [TT210002]).