

## Product datasheet for TP311091

### INPP5F (NM\_014937) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human inositol polyphosphate-5-phosphatase F (INPP5F), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211091 representing NM_014937 Red=Cloning site Green=Tags(s)

MELFQAKDHYILQQGERALWCSRRDGGGLQLRPATDLLLAWNPICLGLVEGVIGKIQLHSDLPWWLILIRQ  
KALVGKLPGDHEVCKVTKIAVLSLSEMEPQDLELELCKKHHFGINKPEKIIPSPDDSKFLLKTFTHIKSN  
VSAPNKKKVKESKEKEKLERRLLEELLKMFMDSESFYSLTYDLTNSVQRQSTGERDGRPLWQKVDDRFF  
WNKYMIQDLTEIGTPDVFWIIPMIQGFVQIEELVNYTESSDDEKSSPETPPQESTCVDDIHPFLVAL  
ISRRSRHRAGMRYKRRGVDKNGNVANYVETEQLIHVHNHTLSFVQTRGSVPVFWVQVGYRYNPRRLDRS  
EKETVAYFCAHFEEQLNIYKKQVIINLVDQAGREKVGDAYLQVLLFNNSHLTYVSFDFHEHCRGMKFE  
NVQTLTDAIYDIILDMKWCWVDEAGVICKQEGIFRVN CMDCLDRTNVQAAIARVMEQQLKKLGVMPPE  
QPLPVKCNRIYQIMWANNGDSISRQYAGTAALKGDFTRTGERKLAGVMKDGVNSANRYLNRFKDAYRQA  
VIDLMQGIPVTEDLYSIFTKEKEHEALHKNQRSHQELISQLLQSYMKLLLPDDEKFHGGWALIDCDPSL  
IDATHRDVDVLLLLSNSAYYVAYYDDEVKVNQYQRLSLENLEKIEIGPEPTLFGKPKFSCMRLHYRYKE  
ASGYFHTLRAVMRNPEEDGKDTLQCIAEMLQITKQAMGSDLPIIEKKLERKSSKPHEDIIGIRSQNQGS  
AQQKNFLMSKFSSLNQKVKQTKSNVNIGNLRKLGNTKPEMKVNFLKPNLKVNLWKS DSSLETMENTGVM  
DKVQAESDGDMSDND SYHSDEF L TNSKSD EDRQLANSLESVGPIDYVLPSCGIIASAPRLGSRSQLSS  
TDSSVHAPSEITVAHGSGLGKQESPLKKS P SAGDVHIL TGF AKPMDIYCHR FVQDAQNKVTHLSETRSV  
SQQASQERNQMTNQVSD ETQSESTEQTSPSRPSQLDVSL SATGPQFLSVEPAHSVASQKTPTSASSMLELE  
TGLHVTSPSESSSRVSPFAKIRSSMVQVASITQAGLTHGINFAVSKVQKSPPEPEIINQVQQNELKK  
MFIQCQTRIIQI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

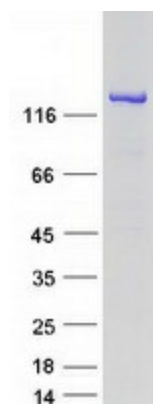
Tag:	C-Myc/DDK
Predicted MW:	128.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055752</a>
<b>Locus ID:</b>	22876
<b>UniProt ID:</b>	<a href="#">Q9Y2H2</a>
<b>RefSeq Size:</b>	4955
<b>Cytogenetics:</b>	10q26.11
<b>RefSeq ORF:</b>	3396
<b>Synonyms:</b>	hSAC2; MSTP007; MSTPO47; SAC2
<b>Summary:</b>	The protein encoded by this gene is an inositol 1,4,5-trisphosphate (InsP3) 5-phosphatase and contains a Sac domain. The activity of this protein is specific for phosphatidylinositol 4,5-bisphosphate and phosphatidylinositol 3,4,5-trisphosphate. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2011]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified INPP5F protein (Cat# TP311091). The protein was produced from HEK293T cells transfected with INPP5F cDNA clone (Cat# [RC211091]) using MegaTran 2.0 (Cat# [TT210002]).