

Product datasheet for TP311091M

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, 100 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
 WNKYMIQDLTEIGTPDVFWIIPMIQGFVQIEELVNYTESDDEKSSPETPPQESTCVDDIHPFLVAL
 ISRRSRHRAGMRYKRRGVDKNGNVANYVETEQLIHVHNHTLSFVQTRGSVPVFWVQVGYRYNPRRLDRS
 EKETVAYFCAHFEEQLNIYKKQVIINLVDQAGREKVGDAYLQVLLFNNSHLTYVSFDFHEHCRGMKFE
 NVQTLTDAIYDIILDMKWCWVDEAGVICKQEGIFRVN CMDCLDRTNVQAAIARVMEQQLKKLGVMPPE
 QPLPVKCNRIYQIMWANNGDSISRQYAGTAALKGDFTRTGERKLAGVMKDGVNSANRYLNRFKDAYRQA
 VIDLMQGIPVTEDLYSIFTKEKEHEALHKENQRSHQELISQLLQSYMKLLLPDDEKFHGGWALIDCDPSL
 IDATHRDVDVLLLLSNSAYYVAYDDDEVKVNQYQRLSLENLEKIEIGPEPTLFGKPKFSCMR LHRYKE
 ASGYFHTLRAVMRNPEEDGKDTLQCIAEMLQITKQAMGSDLPPIEKKLERKSSKPHEDIIGIRSQNQGS
 AQGKNFLMSKFSSLNQVKQTKSNVNIGNLRKLGNTKPEMKVNFLKPNLKVNLWKS DSSLETMENTGVM
 DKVQAESDGMSSDND SYHSDEF L TNSKSD EDRQLANSLESVGPIDYVLPSCGIIASAPRLGSR S QSLSS
 TDSSVHAPSEITVAHGSGLGKQESPLKKSPSAGDVHILTGFAKPMDIYCHRFVQDAQNKVTHLSETRSV
 SQQASQERNQMTNQVSD ETQSESTEQTSPSRPSQLDVLSATGPQFLSVEPAHSVASQKTPTSASSMLELE
 TGLHVTPSPSESSSRVSPFAKIRSSMVQVASITQAGLTHGINFAVSKVQKSPPEPEIINQVQQLNELKK
 MFIQCQTRIIQI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

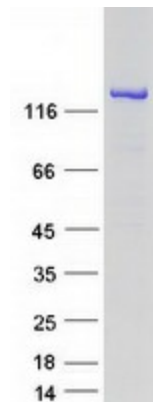
Tag: C-Myc/DDK
Predicted MW: 128.2 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining



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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.
RefSeq:	NP_055752
Locus ID:	22876
UniProt ID:	Q9Y2H2
RefSeq Size:	4955
Cytogenetics:	10q26.11
RefSeq ORF:	3396
Synonyms:	hSAC2; MSTP007; MSTPO47; SAC2
Summary:	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]
Protein Families:	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]).