

Product datasheet for PH311091

INPP5F (NM_014937) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	INPP5F MS Standard C13 and N15-labeled recombinant protein (NP_055752)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211091
Predicted MW:	128.2 kDa
Protein Sequence:	>RC211091 representing NM_014937 Red=Cloning site Green=Tags(s)

MELFQAKDHYILQQGERALWCSRRDGGQLRPATDLLLAWNPICLGLVEGVIGKIQLHSDLPPWWLILIRQ
KALVGKLPGDHEVCKVTKIAVLSLSEMEPQDLELELCKKHHFGINKPEKIIPSPDDSKFLKFTTHKSN
VSAPNKKVKESKEKEKLERRLLEELLKMFMDSESFYYSLTLDL TNSVQRQSTGERDGRPLWQKVDDRRFF
WNKYMIQDLTEIGTPDVFWIIPMIQGFVQIEELVVNYTESSDDEKSSPETPPQESTCVDDIHPFLVAL
ISRRSRHRAGMRYKRRGVDKNGNVANYVETEQLIHVHNHTLSFVQTRGSPVPVFWVQVGYRYNPRRLDRS
EKETVAYFCAHFEEQLNIYKKQVIINLVDQAGREKVIQDAYLKQVLLFNNSHLTYVSDFHEHCRGMKFE
NVQTLTDAIYDIILDMKWCWVDEAGVICKQEGIFRVNCDCLDRTNVQAAIARVMEQQLKKGVMPEPE
QPLPVKCNRIYQIMWANNGDSISRQYAGTAALKGDFTRTGERKLAGVMKDGVNSANRYLNRFKDAYRQA
VIDLMQGIPTVEDLYSIFTKEKEHEALHKNQRSHQELISQLLQSYMKLLLPDDEKFHGGWALIDCDPSL
IDATHRDVDVLLLLSNSAYYVAYYDDEVDKVNQYQRLSLENLEKIEIGPEPTLFGKPKFSCMRHLHYRYKE
ASGYFHTLRAVMRNPEDGKDTLQCIAEMLQITKQAMGSDLPIIEKKLERKSSKPHEDIIGIRSQNGGSL
AQGNFLMSKFSSLNQKVKQTKSNVNIENLRKLGNTKPEMKVNFLLKPNLKVNLWKSDDSSLETMENTGVM
DKVQAESDGMSSDNDSDYHSDFL TNSKSDERQLANSLESVGPIDYVLPSCGIIASAPRLGSRSSQLSS
TDSSVHAPSEITVAHGSGLGKQESPLKSPSAGDVHILTFGAKPMDIYCHRFVQDAQNKVTHLSETRSV
SQQASQERNQMTNQVSDETQSESTEQTPSRPSQLDVSLSATGPQFLSVEPAHSVASQKTPTSASSMLELE
TGLHVTSPSPSESSSRVSPFAKIRSSMVQVASITQAGLTHGINFAVSKVQKSPPEPEIINQVQVQNELKK
MFIQCQTRIIQI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

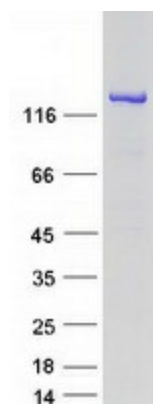
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055752
RefSeq Size:	4955
RefSeq ORF:	3396
Synonyms:	hSAC2; MSTP007; MSTPO47; SAC2
Locus ID:	22876
UniProt ID:	Q9Y2H2
Cytogenetics:	10q26.11
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]).