

Product datasheet for PH322056

PIB5PA (INPP5J) (NM_001002837) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	INPP5J MS Standard C13 and N15-labeled recombinant protein (NP_001002837)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222056
Predicted MW:	70.1 kDa
Protein Sequence:	>RC222056 representing NM_001002837 Red=Cloning site Green=Tags(s)

MEGQSSRGSRRPGTRAGLGSLPMPQGVAAQTGAPSKVDSSFQLPAKKNAALGPSEPRITVVTWNVGTAMP
DDVTSLLHLGGGDDSDGADMIAGLQEVNSMLNKRLKDALFTDQWSELFMDALGPFNFVLVSSVRMQGVI
LLLFAKYHYLPFLRDVQTDCTRTGLGGYWGKGGVSVRLAAFHMLCFLNCHLPAHMDKAEQRKDNFQTI
LSLQQFQGPQAQGILDHDLVFWFGDLNFRIESYDLHFVKFAIDSDQLHQLWEKDQLNMAKNTWPIKGFQ
EGPLNFAPTFKFDVGTNKYDTSAKKRKPAWTDRIWKVKAPGGGSPSPGRKSHRLQVTQHSYRSHMEYTV
SDHKPVAQAQFLLQFAFRDDMPLVRLEVADEWVRPEQAVVRYRMEVVFARSSWDWIGLYRVGFRHCKDYVA
YVRAKHEDVDGNTYQVTFSEESLPKGGHDFILGYSHNHSILIGITEPFQISLPSEELASSTSDSSGTSS
EGEDDSTLELLAPKSRSPSPGKSKRHRSPGLARFPGLALRPSSRERRGASRSPSPQSRRLSRVAPDRS
SNGSSRGSSEEGPSGLPGPWAFPPAVPRSLGLLPALRLETVDPPGGGSGWGPDREALAPNSLSPSPQGHRR
LEEGGLGP

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
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_001002837
RefSeq Size:	2238



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RefSeq ORF: 1914

Synonyms: INPP5; PIB5PA; PIPP

Locus ID: 27124

UniProt ID: [Q15735](#)

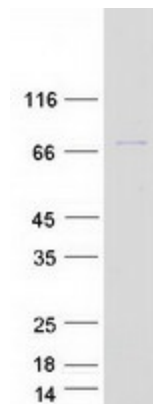
Cytogenetics: 22q12.2

Summary: Inositol 5-phosphatase, which converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate. Also converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate in vitro. May be involved in modulation of the function of inositol and phosphatidylinositol polyphosphate-binding proteins that are present at membranes ruffles (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

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

Product images:



Coomassie blue staining of purified INPP5J protein (Cat# [TP322056]). The protein was produced from HEK293T cells transfected with INPP5J cDNA clone (Cat# [RC222056]) using MegaTran 2.0 (Cat# [TT210002]).