

Product datasheet for **TP322056**

PIB5PA (INPP5J) (NM_001002837) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human inositol polyphosphate-5-phosphatase J (INPP5J), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC222056 representing NM_001002837

Red=Cloning site **Green**=Tags(s)

MEGQSSRGRSRRPGTRAGLGSPLPMPQGVAQTGAPSKVDSSFQLPAKKNAALGPSEPRITVVTWNVGTAMP
DDVTSLLHLGGGDDSDGADMIAGLQEVNSMLNKRLKDALFTDQWSELFMDALGPFNFVLVSSVRMQGVI
LLLFAKYYHLPFLRDVQTDCTRTGLGGYWGNGKGGVSVRLAAFGHMLCFLNCHLPAHMDKAEQRKDNFQTI
LSLQQFQGPQAQGILDHDLVFWFGDLNFRIESYDLHFVKFAIDSDQLHQLWEKDQLNMAKNTWPILKGFQ
EGPLNFAPTFKFDVGTNKYDTSAKKRKPAWTDRLWVKVAPGGGSPSPGRKSHRLQVTQHSYRSHMEYTV
SDHKPVAQAQFLLQFAFRDDMPLVRLEVADEWVRPEQAVVRYRMETVFARSSWDWIGLYRVGFRHCKDYVA
YVRAKHEDVDGNTYQVTFSEESLPGHGHDFILGYSHNHSILIGITEPFQISLPSELASSSTDSSGTSS
EGEDDSTLELLAPKSRSPSPGKSKRHRSPGLARFPGLALRPSSRERRGASRSPSPQSRRLSRVAPDRS
SNGSSRGSSEEGPSGLPGPWAFPPAVPRSLGLLPALRLETVPDGGGGSWGPDREALAPNSLSPSPQGHGRG
LEEGGLGP

TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

Tag: C-Myc/DDK

Predicted MW: 70.1 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.

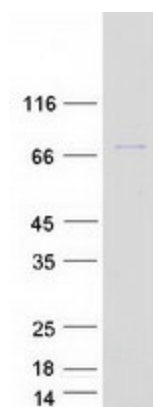
Storage: Store at -80°C.



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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_001002837
Locus ID:	27124
UniProt ID:	Q15735
RefSeq Size:	2238
Cytogenetics:	22q12.2
RefSeq ORF:	1914
Synonyms:	INPP5; PIB5PA; PIPP
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]).