

Product datasheet for TP319612M

INPP4B (NM_001101669) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human inositol polyphosphate-4-phosphatase, type II, 105kDa (INPP4B), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219612 representing NM_001101669 Red=Cloning site Green=Tags(s)

MEIKEEGASEEGQHFLPTAQANDPGDCQFTSIQKTPNEPQLEFILACKDLVAPVRDRKLNLTLVQISVIHP
VEQSLTRYSSSTEIVGTRDPLFLTGVTFPSEYPIYEETKIKLTVYDVKDKSHDTVRTSVLPEHKDPPPEV
GRSFLGYASFKVGELLKSKEQLLVLSLRTSDGGKVVGTIEVSVVKMGEIEDGEADHITTDVQGQKCALVC
ECTAPESVSGKDNLPFLNSVLKNPVCKLYRFPTSDNKWMRIREQMSESILSFHIPKELISLHIKEDLCRN
QEIKELGELSPHWDNLRKNVLTHCDQMVNMYQDILTELSKETGSSFKSSSSKGEKLEFVPINLHLQRMQ
VHSPHLKDALYDVITVGAPAAHFQGFKNGLRKLHHRFETERRNTGYQFIYSPENTAKAKEVLSNINQL
QPLIATHADLLLNSASQHSPLSKNSLKMSEKTELVHAFKDQLVRSALLALYTARPGGILKKPPSPKS
STEESPQDQPPVMRGQDSIPHSDYDEEEWDRVWVANVGKSLNCIAMVDKLIERDGGSEGGGNNNDGEK
EPSLTD AIPSHPREDWYEQLYPLILTLKDCMGEVNVRAKQSLTFVLLQELAYSLPQCLMLTLRRDIVFSQ
ALAGLVCGFIIKLQTSLYDPGFLQLHTVGLIVQYEGLLSTYSDEIGMLEDMAVGISDLKKVAFKIIKAK
SNDVLPVITGRREHYVVEVKLPARMFESLPLQIKEGQLLHVYPVLFNVDGINEQQTLAERFGDVSLQESIN
QENFELLQEYKIFMEKMPPDYISHFQEQNLDKALLENLLQNIQSKKRKNVEIMWLAATICRKLNGIRFT
CCKSAKDRTSMSVTLEQCSILRDEHQLHKDFFIRALDCMRREGCRIENVLKNIKCRKYAFNMLQLMAFPK
YYRPPEGTYGKADT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

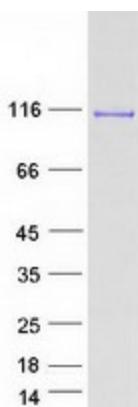
Tag:	C-Myc/DDK
Predicted MW:	104.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_001095139
Locus ID:	8821
UniProt ID:	O15327
RefSeq Size:	4041
Cytogenetics:	4q31.21
RefSeq ORF:	2772
Summary:	INPP4B encodes the inositol polyphosphate 4-phosphatase type II, one of the enzymes involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 4 of the inositol ring from inositol 3,4-bisphosphate. There is limited data to suggest that the human type II enzyme is subject to alternative splicing, as has been established for the type I enzyme. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome
Protein Pathways:	Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

Product images:



Coomassie blue staining of purified INPP4B protein (Cat# [TP319612]). The protein was produced from HEK293T cells transfected with INPP4B cDNA clone (Cat# [RC219612]) using MegaTran 2.0 (Cat# [TT210002]).