

## Product datasheet for TP311134L

### INPP4B (NM\_003866) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human inositol polyphosphate-4-phosphatase, type II, 105kDa (INPP4B), transcript variant 1, 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC211134 representing NM\_003866  
Red=Cloning site Green=Tags(s)

MEIKEEGASEEGQHFLPTAQANDPGDCQFTSIQKTPNEPQLEFILACKDLVAPVRDRKLNLTLVQISVIHP  
 VEQSLTRYSSSTEIVGTRDPLFLTGVTFPSEYPIYEETKIKLTVYDVKDKSHDTVRTSVLPEHKDPPPEV  
 GRSFLGYASFKVGELLKSKEQLLVLSLRTSDGGKVVGTIEVSVVKMGEIEDGEADHITTDVQGQKCALVC  
 ECTAPESVSGKDNLPFLNSVLKNPVCKLYRFPTSDNKWMRIREQMSESILSFHIPKELISLHIKEDLCRN  
 QEIKELGELSPHWDNLRKNVLTHCDQMVNMYQDILTELSKETGSSFKSSSSKGEKLEFVPINLHLQRMQ  
 VHSPHLKDALYDVITVGAPAAHFQGFKNGLRKLHHRFETERRNTGYQFIYSPENTAKAKEVLSNINQL  
 QPLIATHADLLLNSASQHSPLSKNSLKMSEKTELVHAFKDQLVRSALLALYTARPGGILKKPPSPKS  
 STEESSPQDQPPVMRGQDSIPHHSYDEEEWDRVWVANVGKSLNCIAMVDKLIERDGGSEGGGNNNDGEK  
 EPSLTD AIPSHPREDWYEQLYPLILTLKDCMGEVNVRAKQSLTFVLLQELAYSLPQCLMLTLRRDIVFSQ  
 ALAGLVCGFIIKLQTSLYDPGFLQLHTVGLIVQYEGLLSTYSDEIGMLEDMAVGISDLKKVAFKIIKAEK  
 SNDVLPVITGRREHYVVEVKLPARMFESLPLQIKEGQLLHVYPVLFNVDGINEQQTLAERFGDVSLQESIN  
 QENFELLQEYYKIFMEKMPPDYISHFQEQNLDKALLENLLQNIQSKRKNVEIMWLAATICRKLNGIRFT  
 CCKSAKDRTSMSVTLEQCSILRDEHQLHKDFFIRALDCMRREGCRIENVLKNIKCRKYAFNMLQLMAFPK  
 YYRPPEGTYGKADT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

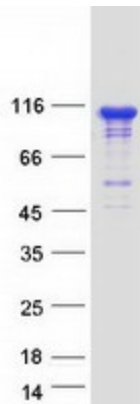
**Tag:** C-Myc/DDK  
**Predicted MW:** 104.6 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003857</a>
<b>Locus ID:</b>	8821
<b>UniProt ID:</b>	<a href="#">O15327</a>
<b>RefSeq Size:</b>	2937
<b>Cytogenetics:</b>	4q31.21
<b>RefSeq ORF:</b>	2772
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

### Product images:



Coomassie blue staining of purified INPP4B protein (Cat# [TP311134]). The protein was produced from HEK293T cells transfected with INPP4B cDNA clone (Cat# [RC211134]) using MegaTran 2.0 (Cat# [TT210002]).