

Recombinant Human INPP4B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INPP4B-6257H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	INPP4B MS Standard C13 and N15-labeled recombinant protein (NP_001095139) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	104.6 kDa
AA Sequence	MEIKEEGASEEGQHFLPTAQANDPGDCQFTSIQKTPNEPQLEFILACKDLVAPVRDR KLNTLVQISVIHPVEQSLTRYSSSTEIVEGTRDPLFLTGVTFPSEYPIYEETKIKLTVYDV KDKSHDTVRTSVLPEHKDPPPEVGRSFLGYASFVKVGELLKSKEQLLVLSLRTSDGGK VVGITIEVSVVKMGEIEDGEADHITTDVQGQKCALVCECTAPESVSGKDNLPFLNSVL KNPVCKLYRFPTSDNKWMRIREQMSESILSFHIPKELISLHIKEDLCRNQEIKELGELS PHWDNLRKNVLTHCDQMVNMYQDILTELSKETGSSFKSSSSKGEKTLEFVPINLHLQ RMQVHSPHLKDALYDVITVGAPAAHFQGFKNGGLRKLHFRFETERRNTGYQFIYYS PENTAKAKEVLSNINQLQPLIATHADLLLNSASQHSPLSKNSLKMSEKTELFVHAF

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KDQLVRSALLALYTARPGGILKKPPSPKSSTEESSPQDQPPVMRGQDSIPHHSDYD
 EEEWDRVWANVGKSLNCIIAMVDKLIERDGGSEGGNNDGEKEPSLTDAIPSHPR
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 KKVAFKIIEAKSNDVLPVITGRREHYVVEVKLPARMFESLPLQIKEGQLLHVYPVLFNV
 GINEQQTLAERFGDVSLQESINQENFELLQEYYKIFMEKMPPDYISHFQEQNDLKALL
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 HQLHKDFFIRALDCMRREGCRIENVLKNICKRKYAFNMLQLMAFPKYRPPPEGTYGK
 ADTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name INPP4B inositol polyphosphate-4-phosphatase type II B [Homo sapiens (human)]

Official Symbol INPP4B

Synonyms INPP4B; inositol polyphosphate-4-phosphatase, type II, 105kDa; inositol polyphosphate 4 phosphatase, type II, 105kD; type II inositol 3,4-bisphosphate 4-phosphatase; inositol polyphosphate 4-phosphatase type II; type II inositol-3,4-bisphosphate 4-phosphatase; inositol polyphosphate 4-phosphatase II; 4-

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phosphatase II; MGC132014;

Gene ID 8821

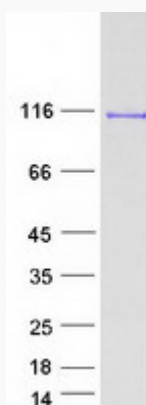
mRNA Refseq NM_001101669

Protein Refseq NP_001095139

MIM 607494

UniProt ID O15327

SDS-PAGE



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