

Recombinant Human INPP4A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. INPP4A-2352H Lot. No. (See product label)

SPECIFICATION

Product Overview	INPP4A MS Standard C13 and N15-labeled recombinant protein (NP_001127696) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an Mg ⁺⁺ independent enzyme that hydrolyzes the 4-position phosphate from the inositol ring of phosphatidylinositol 3,4-bisphosphate, inositol 1,3,4-trisphosphate, and inositol 3,4-bisphosphate. Multiple transcript variants encoding distinct isoforms have been described.
Molecular Mass	109.8 kDa
AA Sequence	<p>MTAREHSPRHGARARAMQRASTIDVAADMLGLSLAGNIQDPDEPILEFSLACSELHT PSLDRKPNSFVAVSVTTTPPQAFWTKHAQTEIIEGTNNPIFLSSIAFFQDSLINQMTQVK LSVYDVKDRSQGTMYPYLLGSGTFIVKDLLQDRHHLHLTLRSAESDRVGNITVIGWQM EEKSDQRPPVTRSVDTVNGRMVLPVDESLTEALGIRSKYASLRKDTLLKSVFGGAIC RMYRFPTTDGNHLRILEQMAESVLSLHVPRQFVKLLLEEDAARVCELEELGELSPCW ESLRRQIVTQYQTIILTYQENLTDLHQYRGPFSKASSLKADKKLEFVPTNLHIQRMRV QDDGGSDQNYDIVTIGAPAAHCQGFKSGGLRKKLHKFEETKKHFEECCTSSGCQSII YIPQDVVRAKEIIAQINTLKTQVSYAERLSRAAKDRSATGLERTLAILADKTRQLVTV CDCKLLANSIHGLNAARPDYIASKASPTSTEEEQVMLRNDQDTLMARWTGRNSRSS</p>

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LQVDWHEEEWEKVWLNVDKSLECIQQRVDKLLQKERLHGEGCEDVFPCAGSCTS
 GNPDSHAYWIRPEDPFCDVPSSPCPSTMPSTACHPHLTHCSPPEESSPGEWSE
 ALYPLLTTLTDCVAMMSDKAKKAMVFLMQDSAPTATYLSLQYRRDVFQTLTALI
 CGFIIKLRNCLHDDGFLRQLYTIGLLAQFESLLSTYGEELAMLEDMSLGIMDLRNVTFK
 VTQATSSASADMLPVITGNRDGFNVRVPLPGPLFDALPREIQSGMLLRVQPVLFNVG
 INEQQTLAERFGDTSLQEVINVESLVRVNSYFEQFKEVLPEDCLPRSRSTCLPELLR
 FLGQNVHARKNKNVDILWQAAEICRRLNGVRFTSCKSAKDRTAMSVTLEQCLILQHE
 HGMAPQVFTQALECMRSEGCRRRENTMKNVGSRKYAFNSLQLKAFPKHYPPEGTY
 GKVETTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 [INPP4A inositol polyphosphate-4-phosphatase type I A \[Homo sapiens \(human\) \]](#)

Official Symbol [INPP4A](#)

Synonyms INPP4A; inositol polyphosphate-4-phosphatase, type I, 107kDa; inositol polyphosphate 4 phosphatase, type I, 107kD, INPP4; type I inositol 3,4-bisphosphate 4-phosphatase; type I inositol-3,4-bisphosphate 4-phosphatase; INPP4; TVAS1;

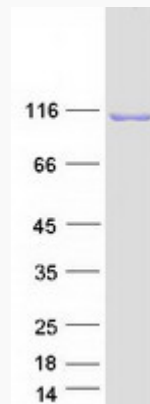
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Gene ID	3631
mRNA Refseq	NM_001134224
Protein Refseq	NP_001127696
MIM	600916
UniProt ID	Q96PE3

SDS-PAGE



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