

Product datasheet for PH311900

INPP4A (NM_004027) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	INPP4A MS Standard C13 and N15-labeled recombinant protein (NP_004018)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211900
Predicted MW:	105.5 kDa
Protein Sequence:	>RC211900 representing NM_004027 Red=Cloning site Green=Tags(s)

MTAREHSPRHGARARAMQRASTIDVAADMLGLSLAGNIQDPDEPILEFSLACSELHTPSLDRKPNFVAV
SVTTPPQAFWTKHAQTEIIEGTNPIFLSSIAFFQDSLINQMTQVKLSVYDVKDRSQGTMVLLGSGTFIV
KDLLQDRHRLHLTLRSAESDRVGNITVIGWQMEEKSDQRPVTRSVDTVNGRMVLPVDESLTEALGIRS
KYASLRKDTLLKSVFGGAI CRMFRPPTDGNHLRILEQMAESVLSLHVPRQFVKLLLEEDAARVCELEEL
GELSPCWESLRRQIVTQYQTIILTYQENLTDLHQYRGPSFKASSLKADKKLEFVPTNLHIQRMVQDDGG
SDQNYDIVTIGAPAAHCQGFKSGGLRKKLHKFEETKKHFEECCTSSGCQSIYIPQDVVRAKEIIAQINT
LKTQVSYAERLSRAAKDRSATGLERTLAILADKTRQLVTVCDCKLLANSIHGLNAARPDYIASKASPTS
TEEEQVMLRNDQDTLMARWTGRNSRSSLQVDWHEEEWEKVLNVDKSLECIQVRVDKLLQKERLHGEGCE
DVFP CAGSCTSKKDCSPPEESSPGWSEALYPLL TLLTDCVAMMSDKAKKAMVFLMQDSAPTIAITYLS
LQYRRDVVFCQTLTALICGFIKLRNCLHDDGFLRQLYTIGLLAQFESLLSTYGEELAMLEDMSLGTMDL
RNVTFKVTQATSSASADMLPVITGNRDGFNVRVPLPGPLFDALPREIQSGMLLRVQPVLFVNGINEQQT
AERFGDTSLQEVINVESLVRNLSYFEQFKEVLPEDCLPRRSQTCLPELLRFLGQNVHARKNKNVDILWQ
AAEICRRLNGVRFTSCKSAKDRTAMSVTLEQCLILQHEHGMAPQVFTQALECMRSEGCRRRENTMKNVGS
KYAFNSLQLKAFPKHYRPPEGTYGKVET

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP_004018](#)

RefSeq Size: 3217

RefSeq ORF: 2814

Synonyms: INPP4; TVAS1

Locus ID: 3631

UniProt ID: [Q96PE3](#)

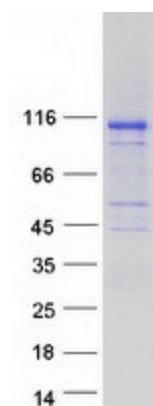
Cytogenetics: 2q11.2

Summary: 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. [provided by RefSeq, Aug 2008]

Protein Families: Transmembrane

Protein Pathways: Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

Product images:



Coomassie blue staining of purified INPP4A protein (Cat# [TP311900]). The protein was produced from HEK293T cells transfected with INPP4A cDNA clone (Cat# [RC211900]) using MegaTran 2.0 (Cat# [TT210002]).