

## Product datasheet for PH326284

### INPP4A (NM\_001134224) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	INPP4A MS Standard C13 and N15-labeled recombinant protein (NP_001127696)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC226284
Predicted MW:	109.8 kDa
Protein Sequence:	>RC226284 representing NM_001134224 Red=Cloning site Green=Tags(s)

MTAREHSPRHGARARAMQRASTIDVAADMLGLSLAGNIQDPDEPILEFSLACSELHTPSLDRKPNFVAV  
SVTTPPQAFWTKHAQTEIIEGTNPIFLSSIAFFQDSLINQMTQVKLSVYDVKDRSQGTMYLKSGTFIV  
KDLLQDRHRLHLTLRSAESDRVGNITVIGWQMEEKSDQRPVTRSDTVNGRMVLPVDESLTEALGIRS  
KYASLRKDTLLKSVFGGAI CRMFRPPTDGNHLRILEQMAESVLSLHVPRQFVKLLLEEDAARVCELEEL  
GELSPCWESLRRQIVTQYQTIILTYQENLTDLHQYRGPSFKASSLKADKKLEFVPTNLHIQRMVQDDGG  
SDQNYDIVTIGAPAAHCQGFKSGGLRKKLHKFEETKHFEECCTSSGCQSIYIPQDVVRAKEIIAQINT  
LKTQVSYAERLSRAAKDRSATGLERTLAILADKTRQLVTVCDCKLLANSIHGLNAARPDYIASKASPTS  
TEEEQVMLRNDQDTLMARWTGRNSRSSLQVDWHEEEWEKVLNVDKSLECIQVRDKLLQKERLHGEGCE  
DVFP CAGSCTSKKGNPDSHAYWIRPEDPFCVPSPCSTMPSTACHPHLTTHCSPPPEESSPGWSEAL  
YPLL TDLTDCVAMMSDKAKKAMVFLMQDSAPTATYLSLQYRRDVVFCQTLTALICGFIKLRNCLHDD  
GFLRQLYTIIGLLAQFESLLSTYGEELAMLEDMSLGIMDLRNVTFKVTQATSSASADMLPVITGNRDGFNV  
RVPLPGPLFDALPREIQSGMLLRVQPVL FNVGINEQQT LAERFGDTSLQEVINVESLVRNLSYFEQFKEV  
LPEDCLPRRSQTCLPELLRFLGQNVHARKNKNVDILWQAAEICRRLNGVRFTSCKSAKDRTAMSVTLEQ  
CLILQHEHGMAPQVFTQALECMRSEGCRRRENTMKNVGSRKYAFNSLQLKAFPKHYRPEPTYGKVVET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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\\_001127696](#)

RefSeq ORF: 2931

Synonyms: INPP4; TVAS1

Locus ID: 3631

UniProt ID: [Q96PE3](#)

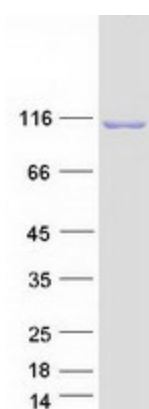
Cytogenetics: 2q11.2

**Summary:** This gene encodes an Mg<sup>++</sup> 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# [TP326284]). The protein was produced from HEK293T cells transfected with INPP4A cDNA clone (Cat# [RC226284]) using MegaTran 2.0 (Cat# [TT210002]).