

Product datasheet for PH308326

PITPN (PITPNA) (NM_006224) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PITPNA MS Standard C13 and N15-labeled recombinant protein (NP_006215)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208326
Predicted MW:	31.8 kDa
Protein Sequence:	>RC208326 protein sequence Red=Cloning site Green=Tags(s) MVLLKEYRVILPVSVDEYQVGQLYSVAEASKNETGGGEGVEVLVNEPYEKDGEKGQYTHKIYHLQSKVPT FVRMLAPEGALNIHEKAWNAYPYCRTVITNEYMKEDFLIKIETWHKPDLTQENVHKLEPEAWKHVEAVY IDIADRSQVLSKDYKAEEDPAKFKSIKTGRGPLGPNWKQELVNQKDCPYMCAKLVTVKFKWWGLQNKVE NF IHKQERRLFTNFHRQLFCWLDKWWDL TMDDIRMEEE TKRQLDEMQRKDPVKGMTADD 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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.
RefSeq:	NP_006215
RefSeq Size:	3660
RefSeq ORF:	810
Synonyms:	HEL-S-36; PI-TPalpha; PITPN; VIB1A
Locus ID:	5306
UniProt ID:	Q00169 , V9HWC5

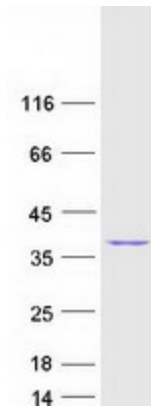


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Cytogenetics: 17p13.3

Summary: This gene encodes a member of a family of lipid-binding proteins that transfer molecules of phosphatidylinositol or phosphatidylcholine between membrane surfaces. The protein is implicated in phospholipase C signaling and in the production of phosphatidylinositol 3,4,5-trisphosphate (PIP3) by phosphoinositide-3-kinase.[provided by RefSeq, Sep 2009]

Product images:



Coomassie blue staining of purified PITPNA protein (Cat# [TP308326]). The protein was produced from HEK293T cells transfected with PITPNA cDNA clone (Cat# [RC208326]) using MegaTran 2.0 (Cat# [TT210002]).