

Product datasheet for PH304262

PITPNB (NM_012399) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PITPNB MS Standard C13 and N15-labeled recombinant protein (NP_036531)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204262
Predicted MW:	31.5 kDa
Protein Sequence:	>RC204262 protein sequence Red=Cloning site Green=Tags(s) MVLIIKEFRVVLPCSVQEYQVGQLYSVAEASKNETGGGEGIEVLKNEPYEKDGEKGQYTHKIYHLKSKVPA FVRMIAPEGSLVFHEKAWNAYPYCRTIVTNEYMKDDFFIKIETWHKPDLTLENVHGLDPNTWKTV EIVH IDIADRSQVEPADYKADEDPALFQSVKTKRGPLGPNWKKELANSPDCPQMCA YKLVTIKFKWWGLQSKVE NFIQKQEKRIFTNFHRQLFCWIDKWIDLTMEDIRMEDETQKELETMRKRGSVRG TSAADV 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.
RefSeq:	NP_036531
RefSeq Size:	2981
RefSeq ORF:	813
Synonyms:	PI-TP-beta; PtdInsTP; VIB1B
Locus ID:	23760
UniProt ID:	P48739

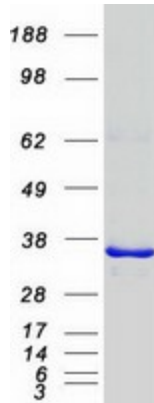


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Cytogenetics: 22q12.1

Summary: This gene encodes a cytoplasmic protein that catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes. This transfer activity is required for COPI complex-mediated retrograde transport from the Golgi apparatus to the endoplasmic reticulum. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Product images:



Coomassie blue staining of purified PITPNB protein (Cat# [TP304262]). The protein was produced from HEK293T cells transfected with PITPNB cDNA clone (Cat# [RC204262]) using MegaTran 2.0 (Cat# [TT210002]).