

Product datasheet for **TP304262L**

PITPNB (NM_012399) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phosphatidylinositol transfer protein, beta (PITPNB), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204262 protein sequence Red =Cloning site Green =Tags(s)
	 MVLIKEFRVVLPCSVQEYQVGQLYSVAEASKNETGGGEGIEVLKNEPYEKDGEKGQYTHKIYHLKSKVPA FVRMIAPEGSLVFHEKAWNAYPYCRTIVTNEYMKDDFFIKIETWHKPDGLTLENVHGLDPNTWKTVEIVH IDIADRSQVEPADYKADEDPALFQSVKTKRGPLGPNWKKELANSPDCPQMCAYLVTIKFKWWGLQSKVE NFIQKQEKRIFTNFHRQLFCWIDKWIDLTMEDIRMEDETQKELETMRKRGSVRGTSAADV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	31.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_036531</u>
Locus ID:	23760
UniProt ID:	<u>P48739</u>



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RefSeq Size: 2981

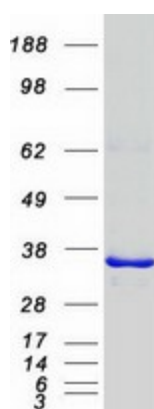
Cytogenetics: 22q12.1

RefSeq ORF: 813

Synonyms: PI-TP-beta; PtdInsTP; VIB1B

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]).