

## Product datasheet for **TP308326M**

### PITPN (PITPNA) (NM\_006224) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phosphatidylinositol transfer protein, alpha (PITPNA), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208326 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MVLLKEYRVILPVSVDEYQVGQLYSVAEASKNETGGGEGVEVLVNEPYEKDGEKQYTHKIYHLQSKVPT  
FVRMLAPEGALNIHEKAWNAYPYCRTVITNEYMKEDFLIKIETWHKPDLTQENVHKLPEAWKHVEAVY  
IDIADRSQVLSKDYKAEEDPAKFSIKTGRGPLGNWQELVNQKDCPYMCAYKLVTVKFKWWGLQNKVE  
NFIHKQERRLFTNFHRQLFCWLDKWVWDLTMDDIRRMEEETKRQLDEMQRKDPVKGMTADD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	31.6 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:	<a href="#">NP_006215</a>
Locus ID:	5306
UniProt ID:	<a href="#">Q00169</a> , <a href="#">V9HWC5</a>



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RefSeq Size: 3660

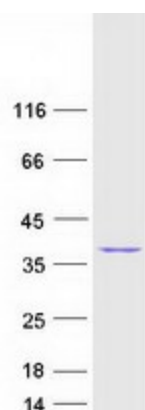
Cytogenetics: 17p13.3

RefSeq ORF: 810

Synonyms: HEL-S-36; PI-TPalpha; PITPN; VIB1A

**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]).