Recombinant Human PITPNB, His-tagged

Cat. No. PITPNB-2866H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PITPNB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. MW = 33.7 kDa (291aa) confirmed by MALDI-TOF.
Species	Human
Source	E.coli
Description	Phosphatidylinositol transfer protein beta isoform, also known PITPNB, is found in the cytoplasm, where it catalyzes the transfer of phosphatidylinositol (PI) and phosphatidylcholine (PC) between membranes. PITPNB mobilizes PI from the endoplasmic recticulum and regulates the release of PI from stored vesicles in the Golgi network. PITPNB is widely expressed in various tissues.
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MVLIKEFRVV LPCSVQEYQV GQLYSVAEAS KNETGGGEGI EVLKNEPYEK DGEKGQYTHK IYHLKSKVPA FVRMIAPEGS LVFHEKAWNA YPYCRTIVTN EYMKDDFFIK IETWHKPDLG TLENVHGLDP NTWKTVEIVH IDIADRSQVE PADYKADEDP ALFQSVKTKR GPLGPNWKKE LANSPDCPQM CAYKLVTIKF KWWGLQSKVE NFIQKQEKRI FTNFHRQLFC WIDKWIDLTM EDIRRMEDET QKELETMRKR GSVRGTSAAD V
Purity	> 95% by SDS – PAGE.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol.

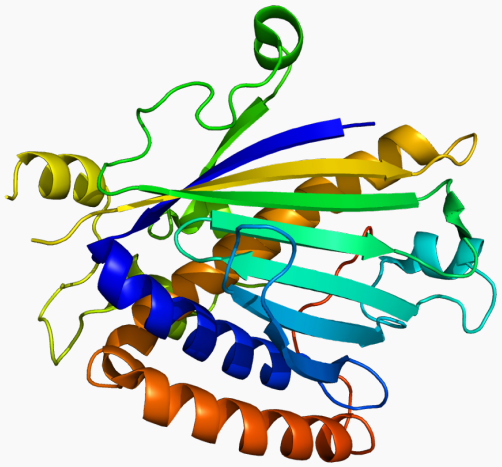
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	1 mg/ml (determined by Bradford assay).
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	PITPNB phosphatidylinositol transfer protein, beta [Homo sapiens]
Synonyms	PITPNB; phosphatidylinositol transfer protein, beta; VIB1B; PtdInsTP; PI-TP-beta; phosphatidylinositol transfer protein beta isoform; ptdInsTP beta; PtdIns transfer protein beta; phosphotidylinositol transfer protein, beta; PtdInsTP beta
Gene ID	23760
mRNA Refseq	NM_012399
Protein Refseq	NP_036531
MIM	606876
UniProt ID	P48739
Chromosome Location	22q12.1
Function	lipid binding

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA