

Product information



PITPNA, 1- 270 aa

Human, His-tagged, Recombinant, *E.coli*

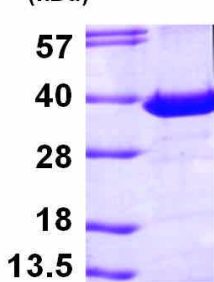
Cat. No. IBATGP0826

Full name: Phosphatidylinositol transfer protein alpha isoform

NCBI Accession No.: NP_006215

Synonyms: PI-TP alpha, PITPN, VIB1A, PtdInsTP alpha

Description: Phosphatidylinositol transfer protein alpha, also known PITPNA, is found in the cytoplasm, where it catalyzes the transfer of phosphatidylinositol (PI) and phosphatidylcholine (PC) between membranes. PITPNA is implicated in phospholipase C signaling and in the production of phosphatidylinositol 3, 4, 5-trisphosphate (PIP3) by phosphoinositide-3-kinase. Recombinant human PITPNA protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

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| <p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 1mM EDTA</p> <p>Molecular Weight: 33.9 kDa (290aa), confirmed by MALDI-TOF</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p> | <p>(kDa)</p>  <p>15% SDS-PAGE (3ug)</p> |
| <p>Sequences of amino acids:</p> <p><u>MGSSHHHHH</u> <u>SSGLVPRGSH</u> MVLLKEYRVI LPVSDVEYQV GQLYSVAEAS KNETGGGEGV EVLVNEPYEK DGEKGGYTHK IYHLQSKVPT FVRMLAPEGA LNIHEKAWNA YPYCRTVITN EYMKEDFLIK IETWHKPDLG TQENVHKLEP EAWKHVEAVY IDIADRSQVL SKDYKAEEDP AKFKS IKTGR GPLGPNWKQE LVNQKDCPYM CAYKLVTVKF KWWGLQNKVE NFIHKQERRL FTNFHRQLFC WLDKWDVLTLM DDIRRMEEET KRQLDEMQRK DPVKGMTADD</p> | |

General references:

Monaco M E., *et al.* (1998) *Biochem J.* 335:175-179.

Aikawa Y., *et al.* (1999) *J Biol Chem.* 274:20569-20577.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



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.

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