

## Phosphatidylinositol Transfer Protein Alpha Human Recombinant

<b>Item Number</b>	rAP-4547
<b>Synonyms</b>	Phosphatidylinositol transfer protein alpha isoform, PI-TP-alpha, PtdIns transfer protein alpha, PtdInsTP alpha, PITPNA, PITPN, VIB1A, MGC99649, PI-TPalpha.
<b>Description</b>	PITPNA Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 290 amino acids (1-270 a.a.) and having a molecular mass of 23.9kDa. The PITPNA is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q00169
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MVLLKEYRVI LPVSVDEYQV GQLYSVAEAS KNETGGGEGV EVLVNEPYEK DGEKGQYTHK IYHLQSKVPT FVRMLAPEGA LNIHEKAWNA YPYCRTVITN EYMKED- FLIK IETWHKPD LG TQENVHKLEP EAWKHVEAVY IDIADRSQVL SKDYKAEEDP AKFKSIKTGR GPLGPNWKQE LVNQKDCPYM CAYKLVTVKF KWWGLQNKVE NFIHKQERRL FTNFHRQLFC WLDKWWDLTM DDIRMEEET KRQLDEMQRK DPVKGMTADD.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The PITPNA solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol, 1mM EDTA. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**