

Phosphatidylinositol Transfer Protein Beta Human Recombinant

Item Number	rAP-4546
Synonyms	Phosphatidylinositol transfer protein beta isoform, PI-TP-beta, PtdIns transfer protein beta, PtdInsTP beta, PITPNB, VIB1B, PtdInsTP.
Description	PITPNB 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 291 amino acids (1-271 a.a.) and having a molecular mass of 33.7kDa. The PITPNB is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P48739
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MVLIKEFRVV LPCSVQEYQV GQLYSVAEAS KNETGGEGI EVLK-NEPYEK DGEKGQYTHK IYHLKSKVPA FVRMIAPEGS LVFHEKAWNA YPYCRTIVTN EYMKDDFFIK IETWHKPDLG TLENVHGLDP NTWKTVEIVH IDIADRSQVE PADYKADEDP ALFQSVKTKR GPLGPNWKKE LANSPDCPQM CAYKLVTIKF KWWGLQSKVE NFIQKQEKR FTNFHRQLFC WIDKWIDLTM EDIRRMEDET QKELETMRKR GSVRGTSAAAD V.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	The PITPNB solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 end users! This product is sold for **Research Use Only**