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PITPNB Human

Phosphatidylinositol Transfer Protein Beta Human Recombinant
RCP1660

Product Overview

Name	PITPNB Human
Description	
Phosphatidylinositol Transfer Protein Beta Human Recombinant	
Accession (Primary)	P48739
Synonyms	
Phosphatidylinositol transfer protein beta isoform, PI-TP-beta, PtdIns transfer protein beta, PtdInsTP beta, PITPNB, VIB1B, PtdInsTP.	
Introduction	
Phosphatidylinositol transfer protein beta isoform (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 reticulum and regulates its release from stored vesicles in the Golgi network. PITPNB is extensively expressed in various tissues.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The PITPNB solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
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.

Precautions

PITPNB Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P48739)