

PITPNB, 1-271aa, Human, His tag, E.coli

Cat.NO.: TP03417

3th Edition

Synonyms:Phosphatidylinositol transfer protein beta isoform, PI-TP-beta, PtdInsTP beta, VIB1B.

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 reticulum and regulates the release of PI from stored vesicles in the Golgi network. PITPNB is widely expressed in various tissues.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

Molecular Weight:33.7 kDa (291aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMVLKEFRVVLPCSVQEYQVGQLYSVAEASKNETGGGEGIEVLKNEPYEKDGEK
GQYTHKIYHLKSKVPAFVRMIAPEGSLVFHEKAWNAYPYCRTIVTNEYMKDDFFIKIETWHKPDLTLENVHGLDPN
TWKTVEIVHIDIADRSQVEPADYKADEDPALFQSVKTKRGPLGPNWKKELANSPDCPQMCAVKLVTIKFKWWGLQS
KVENFIQKQEKRIFTNFHRQLFCWIDKWIDLTMEDIRMEDETQKELETMRKRGSVRGTSAADV

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.