

32-8036: Recombinant Human Phosphatidylinositol Transfer Protein a Isoform/PITPNA (N-6His)

Gene : PITPNA
Gene ID : 5306
Uniprot ID : Q00169

Description

Source: E.coli.
MW :34kD.

Recombinant Human PITPNA is produced by our E.coli expression system and the target gene encoding Met1-Asp270 is expressed with a 6His tag at the N-terminus. Phosphatidylinositol Transfer Protein a Isoform (PITPNA) is found in the cytoplasm and belongs to the PtdIns transfer protein family. PITPNA is a ubiquitous and highly conserved protein in multicellular eukaryotes that catalyzes the exchange of phospholipids between membranes and participates in cellular phospholipid metabolism, signal transduction and vesicular trafficking in vivo. It is expressed in a wide range of tissues and implicated in phospholipase C signaling and in the production of phosphatidylinositol 3, 4, 5-trisphosphate (PIP3) by phosphoinositide-3-kinase.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 1mM EDTA, 1mM DTT, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MGSSHHHHHSSGLVPRGSHMVLLKEYRVILPVSVDEYQVGQLYSVAEASKNETGGGEGVEVLVNEPYEKDG
EKGQYTHKIYHLQSKVPTFVRMLAPEGALNIHEKAWNAYPYCRTVITNEYMKEDFLIKIETWHKPDLTQENVHK
LEPEAWKHVEAVYIDIADRSQVLSKDYKAEEDPAKFKSITGRGPLGNWKQELVNQKDCPYMCAYKLVTVKFK
WWGLQNKVENFIHKQERRLFTNFHRQLFCWLDKWVDLTMDDIRRMEEETKRQLDEMQRKDPVKGMTADD

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.