Recombinant Human PITPNA Protein (His Tag)

Catalog Number: PKSH032889

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

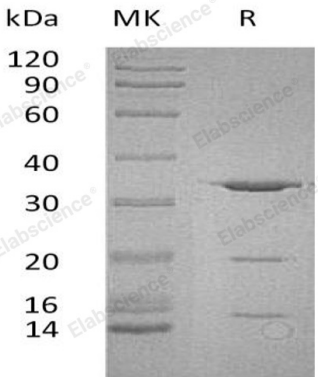
Description

Species	Human
Source	E.coli-derived Human PITPNA protein Met 1-Asp270, with an N-terminal His
Calculated MW	34.0 kDa
Observed MW	16&22&38 kDa
Accession	Q00169
Bio-activity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 1mM EDTA, 1mM DTT, pH 8.0.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

Phosphatidylinositol Transfer Protein α 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.