

Recombinant Human PITPNA Protein, His-tagged

Cat. No. PITPNA-669H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PITPNA (NP_006215.1) (Met1-Asp270) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-270 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human PITPNA consists 281 amino acids and predicts a molecular mass of 33.3 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PITPNA phosphatidylinositol transfer protein, alpha [Homo sapiens]

Official Symbol PITPNA

Synonyms PITPNA; phosphatidylinositol transfer protein, alpha; phosphatidylinositol transfer protein , PITPN; phosphatidylinositol transfer protein alpha isoform; VIB1A; PI-TP-alpha; ptdInsTP alpha; ptdIns transfer protein alpha; PITPN; PI-TPalpha; MGC99649;

Gene ID 5306

mRNA Refseq NM_006224

Protein Refseq NP_006215

MIM 600174

UniProt ID Q00169

Chromosome Location 17p13.3

Pathway Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Netrin-1 signaling, organism-specific biosystem; Role of second messengers in netrin-1 signaling, organism-specific biosystem;

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