

PITPNA Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20431b

Specification

PITPNA Blocking Peptide (C-term) - Product Information

Primary Accession

[Q00169](#)

Other Accession

[P16446](#), [P48738](#), [P53810](#), [Q2HJ54](#)**PITPNA Blocking Peptide (C-term) - Additional Information****Gene ID** 5306**Other Names**

Phosphatidylinositol transfer protein alpha isoform, PI-TP-alpha, PtdIns transfer protein alpha, PtdInsTP alpha, PITPNA, PITPN

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PITPNA Blocking Peptide (C-term) - Protein Information**Name** PITPNA**Synonyms** PITPN**Function**

Catalyzes the transfer of phosphatidylinositol (PI) and phosphatidylcholine (PC) between membranes (PubMed: [10531358](http://www.uniprot.org/citations/10531358), PubMed: [22822086](http://www.uniprot.org/citations/22822086), PubMed: [15522822](http://www.uniprot.org/citations/15522822), PubMed: [18636990](http://www.uniprot.org/citations/18636990), PubMed: [14962392](http://www.uniprot.org/citations/14962392)). Shows a preference for PI and PC containing shorter saturated or monosaturated acyl chains at the sn-1 and sn-2 positions (PubMed: [15522822](http://www.uniprot.org/citations/15522822), PubMed: [22822086](http://www.uniprot.org/citations/22822086)). Preference order for PC is C16:1 > C16:0 > C18:1 > C18:0 > C20:4 and for PI is C16:1 > C16:0 > C18:1 > C18:0 > C20:4 > C20:3 (PubMed: [22822086](http://www.uniprot.org/citations/22822086)).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P53810}. Nucleus {ECO:0000250|UniProtKB:P53810}

PITPNA Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

PITPNA Blocking Peptide (C-term) - Images**PITPNA Blocking Peptide (C-term) - Background**

Catalyzes the transfer of PtdIns and phosphatidylcholine between membranes.

PITPNA Blocking Peptide (C-term) - References

Dickeson S.K., et al. Gene 142:301-305(1994).

Tanaka S., et al. Submitted (NOV-1995) to the EMBL/GenBank/DDBJ databases.

Lubec G., et al. Submitted (MAR-2007) to UniProtKB.

Rikova K., et al. Cell 131:1190-1203(2007).

Choudhary C., et al. Science 325:834-840(2009).