

PDCL Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20562a**Specification**

PDCL Blocking Peptide (N-term) - Product Information

Primary Accession [Q13371](#)
Other Accession [Q63737](#), [Q9DBX2](#), [Q2HJA9](#)

PDCL Blocking Peptide (N-term) - Additional Information

Gene ID 5082

Other Names

Phosducin-like protein, PHLP, PDCL, PHLOP1, PhLP1

Target/Specificity

The synthetic peptide sequence is selected from aa 2-15 of HUMAN PDCL

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.

PDCL Blocking Peptide (N-term) - Protein Information

Name PDCL

Synonyms PHLOP1, PhLP1

Function

Acts as a positive regulator of hedgehog signaling and regulates ciliary function. [Isoform 2]: Acts as a negative regulator of heterotrimeric G proteins assembly by trapping the preloaded G beta subunits inside the CCT chaperonin.

Cellular Location

Cell projection, cilium {ECO:0000250|UniProtKB:Q9DBX2}

PDCL Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

PDCL Blocking Peptide (N-term) - Images

PDCL Blocking Peptide (N-term) - Background

Isoform 1: Functions as a co-chaperone for CCT in the assembly of heterotrimeric G protein complexes, facilitates the assembly of both Gbeta-Ggamma and RGS-Gbeta5 heterodimers.

PDCL Blocking Peptide (N-term) - References

Lazarov M.E.,et al.Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases.
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.