

EXOC3 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21220b

Specification

EXOC3 Blocking Peptide (C-term) - Product Information

Primary Accession

[O60645](#)**EXOC3 Blocking Peptide (C-term) - Additional Information**

Gene ID 11336

Other Names

Exocyst complex component 3, Exocyst complex component Sec6, EXOC3, SEC6, SEC6L1

Target/Specificity

The synthetic peptide sequence is selected from aa 524-537 of HUMAN EXOC3

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.

EXOC3 Blocking Peptide (C-term) - Protein Information

Name EXOC3

Synonyms SEC6, SEC6L1

Function

Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:O54921}. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:O54921}. Cell projection, growth cone {ECO:0000250|UniProtKB:O54921}. Midbody. Golgi apparatus. Cell projection, neuron projection {ECO:0000250|UniProtKB:Q62825}. Note=Perinuclear in undifferentiated cells. Redistributes to growing neurites and growth cones during neuronal differentiation (By similarity). During mitosis, early recruitment to the midbody requires RALA, but not RALB, and EXOC2. In late stages of cytokinesis, localization to the midbody is RALB- dependent (PubMed:18756269). {ECO:0000250|UniProtKB:O54921, ECO:0000269|PubMed:18756269}

Tissue Location

Expressed in epididymis (at protein level).

EXOC3 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

EXOC3 Blocking Peptide (C-term) - Images**EXOC3 Blocking Peptide (C-term) - Background**

Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane.

EXOC3 Blocking Peptide (C-term) - References

Li J.,et al.Mol. Cell. Proteomics 9:2517-2528(2010).

Jikuya H.,et al.DNA Res. 10:49-57(2003).

Schmutz J.,et al.Nature 431:268-274(2004).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Yu W.,et al.Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.