

DYNC1H1 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20786c**Specification**

DYNC1H1 Blocking Peptide (C-term) - Product Information

Primary Accession [O14204](#)
Other Accession [P38650](#), [Q9JHU4](#)

DYNC1H1 Blocking Peptide (C-term) - Additional Information

Gene ID 1778

Other Names

Cytoplasmic dynein 1 heavy chain 1, Cytoplasmic dynein heavy chain 1, Dynein heavy chain, cytosolic, DYNC1H1, DHC1, DNCH1, DNCL, DNECL, DYHC, KIAA0325

Target/Specificity

The synthetic peptide sequence is selected from aa 4224-4237 of HUMAN DYNC1H1

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.

DYNC1H1 Blocking Peptide (C-term) - Protein Information

Name DYNC1H1 ([HGNC:2961](#))

Function

Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP. Plays a role in mitotic spindle assembly and metaphase plate congression (PubMed: <http://www.uniprot.org/citations/27462074> target="_blank">27462074).

Cellular Location

Cytoplasm, cytoskeleton

DYNC1H1 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

DYNC1H1 Blocking Peptide (C-term) - Images

DYNC1H1 Blocking Peptide (C-term) - Background

Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP.

DYNC1H1 Blocking Peptide (C-term) - References

Nagase T.,et al.DNA Res. 4:141-150(1997).
Ohara O.,et al.Submitted (AUG-2005) to the EMBL/GenBank/DDBJ databases.
Yamakawa H.,et al.Submitted (JAN-2007) to the EMBL/GenBank/DDBJ databases.
Vaisberg E.A.,et al.J. Cell Biol. 133:831-842(1996).
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