

SEMA4F Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20622c

Specification

SEMA4F Blocking Peptide (C-term) - Product Information

Primary Accession

[O95754](#)

Other Accession

[O9Z143](#), [O9Z123](#)**SEMA4F Blocking Peptide (C-term) - Additional Information****Gene ID** 10505**Other Names**

Semaphorin-4F, Semaphorin-M, Sema M, Semaphorin-W, Sema W, SEMA4F, SEMAM, SEMAW

Target/Specificity

The synthetic peptide sequence is selected from aa 695-729 of HUMAN SEMA4F

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.

SEMA4F Blocking Peptide (C-term) - Protein Information**Name** SEMA4F**Synonyms** SEMAM, SEMAW**Function**

Probable cell surface receptor that regulates oligodendroglial precursor cell migration (By similarity). Might also regulate differentiation of oligodendroglial precursor cells (By similarity). Has growth cone collapse activity against retinal ganglion-cell axons (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein. Postsynaptic density {ECO:0000250|UniProtKB:Q9Z143}. Perikaryon {ECO:0000250|UniProtKB:Q9Z123}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q9Z123}. Note=Colocalizes with DLG4 at synapses {ECO:0000250|UniProtKB:Q9Z123}

SEMA4F Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

SEMA4F Blocking Peptide (C-term) - Images**SEMA4F Blocking Peptide (C-term) - Background**

Has growth cone collapse activity against retinal ganglion-cell axons (By similarity).

SEMA4F Blocking Peptide (C-term) - References

Encinas J.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 96:2491-2496(1999).
Wiemann S.,et al.Genome Res. 11:422-435(2001).
Otsuki T.,et al.DNA Res. 12:117-126(2005).
Hillier L.W.,et al.Nature 434:724-731(2005).
Jang W.,et al.Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.