

SEMA6B Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20439b

Specification

SEMA6B Blocking Peptide (C-term) - Product Information

Primary Accession

[Q9H3T3](#)**SEMA6B Blocking Peptide (C-term) - Additional Information**

Gene ID 10501

Other Names

Semaphorin-6B, Semaphorin-Z, Sema Z, SEMA6B, SEMAN, SEMAZ

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.

SEMA6B Blocking Peptide (C-term) - Protein Information

Name SEMA6B

Synonyms SEMAN, SEMAZ

Function

Functions as a cell surface repellent for mossy fibers of developing neurons in the hippocampus where it plays a role in axon guidance. May function through the PLXNA4 receptor expressed by mossy cell axons.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Expressed in the brain in GABAergic neurons.

SEMA6B Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

SEMA6B Blocking Peptide (C-term) - Images**SEMA6B Blocking Peptide (C-term) - Background**

May play a role in both peripheral and central nervous system development (By similarity).

SEMA6B Blocking Peptide (C-term) - References

Kimura T., et al. Submitted (JAN-1999) to the EMBL/GenBank/DDBJ databases.
Correa R.G., et al. Genomics 73:343-348(2001).
Clark H.F., et al. Genome Res. 13:2265-2270(2003).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Zhang Z., et al. Protein Sci. 13:2819-2824(2004).