

NRXN1 Blocking Peptide (N-term)

Synthetic peptide Catalog # BP21335a

Specification

NRXN1 Blocking Peptide (N-term) - Product Information

Primary Accession

P58400

NRXN1 Blocking Peptide (N-term) - Additional Information

Gene ID 9378

Other Names

Neurexin-1-beta, Neurexin I-beta, NRXN1

Target/Specificity

The synthetic peptide sequence is selected from aa 77-90 of HUMAN NRXN1

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.

NRXN1 Blocking Peptide (N-term) - Protein Information

Name NRXN1 (HGNC:8008)

Function

Neuronal cell surface protein involved in cell recognition and cell adhesion by forming intracellular junctions through binding to neuroligins. Plays a role in formation of synaptic junctions.

Cellular Location

Presynaptic cell membrane {ECO:0000250|UniProtKB:Q63373}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q63373}

NRXN1 Blocking Peptide (N-term) - Protocols

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

• Blocking Peptides

NRXN1 Blocking Peptide (N-term) - Images



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NRXN1 Blocking Peptide (N-term) - Background

Neuronal cell surface protein that may be involved in cell recognition and cell adhesion by forming intracellular junctions through binding to neuroligins. May play a role in formation or maintenance of synaptic junctions. May mediate intracellular signaling. May play a role in angiogenesis (By similarity).

NRXN1 Blocking Peptide (N-term) - References

Kleiderlein J.J., et al. Hum. Genet. 103:666-673(1998). Hillier L.W., et al. Nature 434:724-731(2005). Chen X., et al. Nat. Struct. Mol. Biol. 15:50-56(2008).