

NRGN Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP21561b**Specification**

NRGN Blocking Peptide (C-term) - Product Information

Primary Accession [Q92686](#)

NRGN Blocking Peptide (C-term) - Additional Information

Gene ID 4900

Other Names

Neurogranin, Ng, RC3, NEUG(55-78), NRGN

Target/Specificity

The synthetic peptide sequence is selected from aa 49-61 of HUMAN NRGN

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.

NRGN Blocking Peptide (C-term) - Protein Information

Name NRGN

Function

Acts as a 'third messenger' substrate of protein kinase C- mediated molecular cascades during synaptic development and remodeling. Binds to calmodulin in the absence of calcium (By similarity).

Tissue Location

In the cerebral cortex, found in the cell bodies of neurons in layers II-VI, and in apical and basal dendrites of pyramidal neurons. Is not found in the dendrites in patients with Alzheimer disease.

NRGN Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

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

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NRGN Blocking Peptide (C-term) - References

Mertsalov I.B.,et al.Bioorg. Khim. 22:366-369(1996).
Mertsalov I.B.,et al.Bioorg. Khim. 23:961-968(1997).
Martinez de Arrieta C.,et al.Genomics 41:243-249(1997).
Chang J.W.,et al.J. Neuropathol. Exp. Neurol. 56:1105-1118(1997).
Mertsalov I.B.,et al.Submitted (JUN-2001) to the EMBL/GenBank/DDBJ databases.