

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

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).

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.

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](#)