

Neuritin Active Protein | NRN1 active protein

Neuritin protein

CATALOG # AAA75585	HOST E. Coli
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PRODUCT SYNONYMS

Neuritin; Neuritin protein; CPG15 protein; NRN1 protein; NRN1 active protein

PRODUCT SPECIFICATIONS

Host	E. Coli
Purity/Purification	> 98% as determined by SDS-PAGE and HPLC
Form/Format	Lyophilized powder with no preservatives. Centrifuge the vial prior to opening. Reconstitute with water for a final concentration of 0.1-1.0 mg/mL. Do not vortex.
Sequence	Region of Neuritin protein corresponding to amino acids MA GKCDAVFKGF SDCLLKLGDS MANYPQGLDD KTNIKTVCTY WEDFHSCVT ALTDCQEGAK DMWDKLRKES KNLNIQGS LF ELCGSGN.
Sequence Length	142
Biological Significance	Neuritin is a neurotrophic factor, which is expressed in response to induction of neuronal activity by NGF, BDNF, NT3, and other neural stimulators. It is expressed primarily in postmitotic-differentiating neurons of the developing nervous system and in neuronal structures related to synaptic plasticity in the adult nervous system. Neuritin acts as a molecular mediator of neurite outgrowth, neuronal survival, and synaptic maturation.
Biohazard	Use standard laboratory procedures when handling this product.
Endotoxin	Endotoxin level is less than 0.1 ng per ug (1 EU/ug).
Sequence Information	Complete identity between mature sequences amongst Human and Rat species for Neuritin.
Preparation and Storage	Ships ambient or refrigerated. Upon receipt store at 4°C short term; -20°C long term. Avoid repeat freeze-thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for NRN1 active protein	Neuroscience
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7706123
NCBI GeneID	51299
NCBI Accession #	NP_057672.1
NCBI GenBank Nucleotide #	NM_016588.2
UniProt Accession #	Q9NPD7; Q7Z4Y1; B2RA93
NCBI Official Full Name	neuritin isoform 1
NCBI Official Synonym Full Names	neuritin 1
NCBI Official Symbol	NRN1

NCBI Official Synonym Symbols	NRN; dJ380B8.2
NCBI Protein Information	neuritin
UniProt Protein Name	Neuritin
UniProt Gene Name	NRN1
UniProt Synonym Gene Names	NRN
UniProt Entry Name	NRN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/neuritin/75585>