



[Go to Product page](#)

Datasheet for ABIN1945450

Neuritin 1-Like Protein (NRN1L) (AA 36-139) (His tag)

Overview

Quantity:	50 µg
Target:	Neuritin 1-Like (NRN1L)
Protein Characteristics:	AA 36-139
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neuritin 1-Like protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Neuritin 1-Like Protein/NRN1L (C-6His)
Sequence:	AAGPNRCDTI YQGFAECLIR LGDSMGRGGE LETICRSWND FHACASQVLS GCPEEAAAVW ESLQQEARQA PRPNNLHTLC GAPVHVRERG TGSETNQETL RATAVDHHHH HH
Characteristics:	Recombinant Human Neuritin-like protein is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (AA 36-139) of Human NRN1L fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	Neuritin 1-Like (NRN1L)
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Target Details

Alternative Name: NRN1L ([NRN1L Products](#))

Background: Neuritin-like protein belongs to the neuritin family. Neuritin is a GPI-anchored protein that promotes neurite outgrowth and branching of neuritic processes in primary hippocampal and cortical cells. Neuritin expression also enhances the development of motor neuron axon arbors by promoting neuromuscular synaptogenesis and by stimulating the addition of new axon branches. Neuritin is induced by neuronal activity and by the neurotrophins, BDNF and NT3. NRN1L contains a consensus cleavage signal found in glycosylphosphatidylinositol (GPI)-anchored proteins.

Molecular Weight: 12.3 kDa

UniProt: [Q496H8](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20°C for 3 months.
