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Datasheet for ABIN7318815

## Neuritin 1-Like Protein (NRN1L) (His tag)

### Overview

Quantity:	50 µg
Target:	Neuritin 1-Like (NRN1L)
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 NRN1L Protein (His Tag)
Sequence:	Ala36-Ala139
Characteristics:	Recombinant Human Neuritin-like protein is produced by our Mammalian expression system and the target gene encoding Ala36-Ala139 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	Neuritin 1-Like (NRN1L)
Alternative Name:	NRN1L ( <a href="#">NRN1L Products</a> )
Background:	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

## Target Details

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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.

Synonym: Neuritin-like protein, NRN1L, UNQ2446/PRO5725

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Molecular Weight: 12.3 kDa

UniProt: [Q496H8](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2  $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.