

## Recombinant Human NRN1L (C-6His)

Catalog No: CI43

<b>Description</b>	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.
<b>Source</b>	Human Cells
<b>Alternative name</b>	Neuritin-like protein; NRN1L; UNQ2446/PRO5725
<b>Accession No.</b>	Q496H8
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Reconstitution</b>	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
<b>Quality Control</b>	<p>Purity: Greater than 90% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.</p>
<b>Shipping</b>	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
<b>Storage</b>	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
<b>Background</b>	<p>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.</p>

