

NRN1L Protein, Human, Recombinant (His)

General Information

Synonyms:	NRN1L;UNQ2446/PRO5725;Neuritin-like protein
Protein Construction:	Ala36-Ala139
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q496H8
Molecular Weight:	14&16 KDa (reducing condition)
AA Sequence:	Ala36-Ala139

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing 20 mM PB, 150 mM NaCl, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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