

NRN1L Protein, Human (HEK293, His)

Cat. No.:	HY-P71172
Synonyms:	Neuritin-like protein; NRN1L; UNQ2446/PRO5725
Species:	Human
Source:	HEK293
Accession:	Q496H8 (A36-A139)
Gene ID:	123904
Molecular Weight:	14&16 kDa

PROPERTIES

AA Sequence	<p>A A G P N R C D T I Y Q G F A E C L I R L G D S M G R G G E L E T I C R S W N D</p> <p>F H A C A S Q V L S G C P E E A A A V W E S L Q Q E A R Q A P R P N N L H T L C</p> <p>G A P V H V R E R G T G S E T N Q E T L R A T A</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>Neuritin (Nrn1) is a glycosphosphatidylinositol-linked protein. Nrn1 is expressed in various human tissues including the nervous system, specifically in the lipid rafts of cell membranes. Nrn1 promotes neurite outgrowth, dendritic growth, neuronal migration, and synapse maturation in neurons of the visual cortex; it also regulates synaptic plasticity, apoptosis of peripheral neurons and spinal axon regeneration and promotes recovery following cerebral ischemia^[2].</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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