9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NRN1 Human, His

Neuritin-1 Human Recombinant, His Tag
NTR0057

Product Overview

Name	NRN1 Human, His
Description	
Neuritin-1 Human Recombinant, His Tag	
Accession (Primary)	Q9NPD7
Synonyms	
Neuritin 1, NRN1, NRN, dJ380B8.2, Neuritin.	
Introduction	
Neuritin (NRN1) is a neurotrophic factor, which is expressed in response to induction of neuronal activity by NGF, BDNF, NT3 and other neural stimulators. NRN1 is expressed principally in postmitotic-differentiating neurons of the developing nervous system and in neuronal structures related to synaptic plasticity in the adult nervous system. NRN1 functions as a molecular mediator of neurite outgrowth, neuronal survival, and synaptic maturation.	
Source	
Escherichia Coli.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
NRN1 was filtered (0.4 μm) and lyophilized in 20mM Tris buffer, 50mM NaCl, pH 8.0, 1% (w/v) Sucrose and 4% (w/v) Mannitol.	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MKHHHHHHAS AGKCDAVFKG FSDCLLKLGD SMANYPQGLD DKTNIKTVCT YWEDFHSCTV TALTDCQEGA KDMWDKLRKE SKNLNIQGSL FELCGSGNG.	
Solubility	
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the	

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lyophilized pellet dissolve completely. NRN1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Precautions

NRN1 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NPD7)