Recombinant Human Neuritin

Cat No:HR2R1790

For research use only

Overview

Quantity	20 ?g
Gene Symbol	NRN1
Gene ID	51299
Accession	Q9NPD7
Alternative Name	NRN1, CPG15, NRN
Species	Human
Source	E. coli
Description	Neuritin is known to play an important role in promoting neuronal survival, differentiation, function, and repair. The expression of Neuritin can be induced in response to neural activity and neurotrophins. NRN1 promotes neurite outgrowth and arborization, especially branching of neuritic processes in primary hippocampal and cortical cells, suggesting its role in promoting neuritogenesis. Overexpression of NRN1 may be associated with astrocytoma progression. Recombinant human Neuritin is a covalently disulfide-linked homodimer, consisting of two 9.8 kDa polypeptide monomers.
Functions	N.A.
Formulation	N.A.
Solubility	N.A.
Appearance	Lyophilized Powder
Molecular Weight	10.4
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70?C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8?C for one month, or at -20?C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.