

Recombinant Human NRN1, His-tagged

Cat. No. NRN1-28261TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 28-115 of mature Human Neurtin. This protein is a covalently disulfide-linked homodimer, consisting of two 9.7 kDa polypeptide monomers, each containing 88 amino acid residues.
Species	Human
Source	E.coli
Protein Length	28-115 a.a.
Description	This gene is expressed in postmitotic-differentiating neurons of the developmental nervous system and neuronal structures associated with plasticity in the adult. The expression of this gene can be induced by neural activity and neurotrophins. The encoded protein contains a consensus cleavage signal found in glycosylphosphatidylinositol (GPI)-anchored proteins. In vitro assays demonstrated that this protein promotes neurite outgrowth and arborization, suggesting its role in promoting neuritogenesis.
Conjugation	HIS
Form	Lyophilised: Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% B

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Purity	>95% by SDS-PAGE
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	M-AGKCDAVFK GFSDCLLKLG DSMANYPQGL DDKTNIKTVC TYWEDFHSCT VTALTDCQEG AKDMWDKLRK ESKNLNIQGS LFELCGSGN
Full Length	Full L.

GENE INFORMATION

Gene Name	NRN1 neuritin 1 [Homo sapiens]
Official Symbol	NRN1
Synonyms	NRN1; neuritin 1; neuritin; NRN;
Gene ID	51299
mRNA Refseq	NM_016588
Protein Refseq	NP_057672
MIM	607409
Uniprot ID	Q9NPD7
Chromosome Location	6p25.1

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