

## Product datasheet for **TP762180**

### Neuritin (NRN1) (NM\_016588) Human Recombinant Protein

#### Product data:

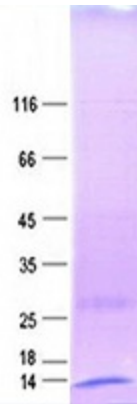
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human neuritin 1 (NRN1), Ala28-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Ala28-End) of NRN1
Tag:	N-His
Predicted MW:	12.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_057672</a>
Locus ID:	51299
UniProt ID:	<a href="#">Q9NPD7</a>
RefSeq Size:	2072
Cytogenetics:	6p25.1
RefSeq ORF:	426
Synonyms:	dj380B8.2; NRN



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**Summary:**

This gene encodes a member of the neuritin family, and 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. The encoded protein promotes neurite outgrowth and arborization, suggesting its role in promoting neuritogenesis. Overexpression of the encoded protein may be associated with astrocytoma progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Product images:**

Purified recombinant protein NRN1 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.