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## DATASHEET

Recombinant human Neuritin-1 / NRN1 (His Tag) protein

### Product overview

<b>Name</b>	Recombinant human Neuritin-1 / NRN1 (His Tag) protein
<b>Cat No</b>	HB7505
<b>Species of origin</b>	human
<b>Alternative names</b>	Recombinant Human Neuritin-1, His Tag, Neuritin 1, NRN1, NRN, dJ380B8.2, Neuritin.
<b>Purity</b>	>95%
<b>Description</b>	His Tag recombinant human Neuritin-1

### Solubility & Handling

<b>Solubility overview</b>	To make a working stock solution, add deionized water to make a solution (0.5mg/mL) and allow the lyophilized material to dissolve. Filter the product using an appropriate sterile filter before using it in cell culture.
<b>Handling</b>	<ul style="list-style-type: none"><li>• Solutions should be made in sterile deionized water (not less than 100 µg/ml). This solution can then be further diluted with other aqueous solutions.</li><li>• Following reconstitution, solutions may be stored at 4°C and are useable for around 2-7 days and for future use store at -18°C.</li><li>• Freeze-thaw cycles should be prevented.</li></ul>
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>UniProt ID</b>	Q9NPD7
<b>Source</b>	E. Coli.
<b>Appearance</b>	White lyophilized powder (filtered & freeze-dried)
<b>Formulation</b>	Filtered (0.4 µm) and lyophilized from Tris buffer (20mM, pH 8.0), NaCl (50mM), 1% (w/v) Sucrose and 4% (w/v) Mannitol

### References

#### Neuritin 1 promotes neuronal migration

Zito A *et al* (2014) Brain Struct Funct 219(1)  
**PubMedID** [23212301](#)

#### Impact of Neuritin 1 (NRN1) polymorphisms on fluid intelligence in schizophrenia

Chandler D *et al* (2010) Am J Med Genet B Neuropsychiatr Genet 153B(2)  
**PubMedID** [19569075](#)

#### Neuritin, a neurotrophic factor in nervous system physiology

Zhou S *et al* (2014) Curr Med Chem 21(10)  
**PubMedID** [24350851](#)

