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DATASHEET

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

Product overview

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

Solubility & Handling

Solubility overview	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.
Handling	<ul style="list-style-type: none">• 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.• 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.• Freeze-thaw cycles should be prevented.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

UniProt ID	Q9NPD7
Source	E. Coli.
Appearance	White lyophilized powder (filtered & freeze-dried)
Formulation	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)
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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)
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Neuritin, a neurotrophic factor in nervous system physiology

Zhou S *et al* (2014) Curr Med Chem 21(10)
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