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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.

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.

Shipping Conditions

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

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)

 $\textbf{Formulation} \hspace{1.5cm} \text{Filtered (0.4 } \mu\text{m) and lyophilized from Tris buffer (20mM, pH 8.0), NaCl (50mM), 1\% (w/v) Sucrose} \\$

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