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DATASHEET

Recombinant rat CNTF (His Tag) protein

Product overview

Name	Recombinant rat CNTF (His Tag) protein
Cat No	HB7429
Species of origin	rat
Alternative names	Recombinant Rat Ciliary Neurotrophic Factor, His Tag, Ciliary neurotrophic factor, CNTF, Cntf.
Purity	>95%
Description	His tag recombinant human CNTF protein

Solubility & Handling

Handling	- 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. - For long term storage, a carrier protein (0.1% HSA or BSA) should be added to stock solutions. Solutions should be aliquoted into tightly sealed vials for storage at -20°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	P21460
Source	E. Coli.
Appearance	Colourless solution (sterile filtered)
Formulation	Solution (0.5mg/ml) containing PBS (pH 7.4) and 10% glycerol

References

The ciliary neurotrophic factor and its receptor, CNTFR alpha

Sleeman MW *et al* (2000) Pharm Acta Helv 74(2-3)

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Ciliary neurotrophic factor (CNTF) promotes skeletal muscle progenitor cell (MPC) viability via the phosphatidylinositol 3-kinase-Akt pathway

Hiatt K *et al* (2014) J Tissue Eng Regen Med 8(12)

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Ciliary neurotrophic factor (CNTF): New facets of an old molecule for treating neurodegenerative and metabolic syndrome pathologies

Pasquin S *et al* (2015) Cytokine Growth Factor Rev 26(5)

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