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DATASHEET

Recombinant rat CNTFR protein

Product overview

Name Recombinant rat CNTFR protein

Cat No HB8491 Species of origin rat

Alternative names Recombinant Rat Ciliary Neurotrophic Factor Receptor, Ciliary neurotrophic factor receptor subunit

alpha, CNTF receptor subunit alpha, CNTFR-alpha.

Purity >90%

Description Rat CNTFR protein

Solubility & Handling

Handling

- Solutions should be made in sterile deionized water (not less than 100 $\mu g/ml$). 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.

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 Q08406

Source Sf9, Baculovirus cells.

Appearance Clear 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) **PubMedID** 10812968

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) **PubMedID**23147834

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)

PubMedID 26187860

