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DATASHEET

Recombinant rat CNTFR protein

Product overview

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|--------------------------|---|
| 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

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|------------------|---|
| 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.• 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

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|--------------------|--|
| 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)
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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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