
Product Data Sheet

Product Name: CNTFR Human
 Cat. No.: GP20140
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ciliary Neurotrophic Factor Receptor; CNTF Receptor Subunit Alpha; CNTFR-Alpha; Ciliary Neurotrophic Factor Receptor Subunit Alpha; Ciliary neurotrophic factor receptor subunit alpha; CNTF receptor subunit alpha; CNTFR-alpha.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MQRHSPQEAP HVQYERLGSD VTLPCGTANW DAAVTWRVNG TDLAPDLLNG SQLVLHGLELGHSGLYACFH RDSWHLRHQV LLHVGLPPRE PVLSCRSNTY PKGFYCSWHL PTPTYIPNTF NVTVLHGSKIMVCEKDPALK NRCHIRYMHL FSTIKYKVSI SVSNALGHNA TAITFDEFTI VKPDPPENVV ARPVPSNPRRLEVTWQTPST WPDPEFPLK FFLRYRPLIL DQWQHVELSD GTAHTITDAY AGKEYIIQVA AKDNEIGTWSWVAHAHATP WTEEPRHLTT EAQAAETTTT TTSSLAPPPT TKICDPGELG S.		
Formulation	CNTFR protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.		

Introduction

Ciliary Neurotrophic Factor Receptor, also known as CNTFR is a member of the type I cytokine receptor family. CNTFR binds to CNTF. The alpha subunit provides the receptor specificity. Solenucleotide polymorphisms in CNTFR has been associated with variations in muscle strength, in addition to early onset of eating disorders.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Background

CNTFR Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 341 amino acids (23-342 a.a) and having a molecular mass of 38.1kDa. CNTFR is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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