

32-6321: CNTFR Rat

Alternative Name : Ciliary neurotrophic factor receptor subunit alpha, CNTF receptor subunit alpha, CNTFR-alpha.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless clear solution.

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. Sole nucleotide polymorphisms in CNTFR has been associated with variations in muscle strength, in addition to early onset of eating disorders.

CNTFR Rat Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 328 amino acids (23-342a.a) and having a molecular mass of 36.9kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). CNTFR is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : CNTFR protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : 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.

Amino Acid : QKHSPQEAPH VQYERLGTDV TLPCGTASWD AAVTWRVNGT DLAPDLLNGS QLILRSLELG
HSGLYACFHR DSWHLRHQVL LHVGLPPREP VLSCRSNTYP KGFYCSWHLS APTYIPNTFN
VTVLHGSKMM VCEKDPALKN RCHIRYMHLF STIKYKVSIS VSNALGHNTT AITFDEFTIV
KPDPPENVVA RVPSPNPRRL EVTWQTPSTW PDPEFPLKF FLRYRPLILD QWQHVELSNG
TAHTITDAYA GKEYIIQVAA KDNEIGTWSW WSVAAHATPW TEEPRHLTTE AQAPETTTST
TSSLAPPPTT KICDPGELSS LEHHHHHH.