

Ciliary Neurotrophic Factor Human Recombinant, His Tag Active

Item Number	rAP-2668
Synonyms	Ciliary neurotrophic factor, CNTF, HCNTF.
Description	CNTF Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 220 amino acids (1-200 a.a) and having a molecular mass of 25kDa. CNTF is fused to a 20 amino acid His-tag at N-terminus
Uniprot Accession Number	P26441
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MAFTEHSPLT PHRRDLCRSR IWLARKIRSD LTALTESYVK HQGLNKNINL DSADGMPVAS TDQWSEL- TEA ERLQENLQAY RTFHVLLARL LEDQQVHFTP TEGDFHQAIH TLLLQVAAFA YQIEELMILL EYKIPR- NEAD GMPINVDGG LFEKKLWGLK VLQELSQWTV RSIHDLRFIS SHQTGIPARG SHYIANNKKM.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	CNTF protein solution (1mg/ml) containing 20 mM Tris-HCl buffer (pH 8.5), 1 mM DTT, 30% Glycerol and 0.2M NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cell. The ED50 for this effects is less or equal to 1 ug/ml.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**