

# Human CNTF Recombinant Protein



RPPB0129

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## Product Information    Protein Information

**Product SKU:**

RPPB0129

**Accession:**

P26441

**Host:**

Escherichia Coli.

**Protein 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 & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Ciliary neurotrophic factor, CNTF, HCNTF.

**Formulation:**

CNTF protein solution (1mg/ml) containing 20 mM Tris-HCl buffer (pH 8.5), 1 mM DTT, 30% Glycerol and 0.2M NaCl.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MAFTEHSPLT PHRRDLCSRS IWLARKIRSD LTALTESYVK HQGLNKNINL  
DSADGMPVAS TDQWSELTEA ERLQENLQAY RTFHVLLARL LEDQQVHFTP TEGDFHQAIH TLLLQVAFA  
YQIEELMILL EYKIPRNEAD GMPINVDGG LFEKLLWGLK VLQELSQWTV RSIHDLRFIS SHQTGIPARG  
SHYIANNKMM.

**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.