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32-20059: Animal-Free Recombinant Human CNTF(Discontinued)

Reactivity : monkey
Alternative Name : Ciliary Neurotrophic Factor

Description

Source:E.coliCNTF is a potent neural factor that was originally characterized as a vital factor for the survival of chick ciliary neuronsÂ in vitro. CNTF is also important for the survival of other neural cell types, including primary sensory neurons, motor neurons, basal forebrain neurons and type 2 astrocytes. CNTF is highly conserved across species and exhibits cross-species bioactivity. Recombinant Human CNTF is synthesized as a 199 amino acid polypeptide (22.8 kDa) lacking a hydrophobic N-terminal signal for secretion.

Product Info

Amount : 5 µg / 20 µg
Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : AFTEHSPLTP HRRDLCSRSI WLARKIRSDL TALTQSYVKH QGLNKNINLD SADGMPVAST DQWSQLTQAQ RLQQNLQAYR TFHVLLARLL QDQQVHFTPT QGDFHQAIHT LLLQVAAFAY QIQQLMILLQ YKIPRNQADG MPINVGDGGL FQKKLWGLKV LQQLSQWTVR SIHDLRFISS HQTGIPARGS HYIANNKKM

Application Note

Determined by its ability to stimulate proliferation of human TF-1 cells using anÃ Â ED_{50}concentration range of 50-150 ng/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.