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Ciliary neurotrophic factor, 1-200aa, Rat, His tag, E.coli

产品货号: TP01624

第三版

别名:

描述: CNTF also known as ciliary neurotrophic factor is a survival factor for various neuronal cell types. CNTF is highly conserved across species and exhibits cross-species bioactivity. CNTF is a 25 kDa polypeptide that was originally isolated as a target-derived survival factor of parasympathetic ciliary ganglion neurons. Binding of CNTF to CNTF receptor triggers heterodimerization of gp130 and LIFR, forming an active trimeric receptor complex and activates the downstream signaling pathway. Recombinant rat CNTF, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.

分子量: 25.2 kDa (223aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMFAEQTPLTLHRRDLCSRSIWLARKIRSDLTALMESYVKHQGLNKNINLDSVDGV
PVASTDRWSEMTEAERLQENLQAYRTFQGMLTKLLEDQQRVHFTPTGDFHQAIHTLMLQVSAFAYQLEELMVLEQKIPE
NEADGMPATVGDGGLFEKKLWGLKVLQELSQWTVRSIHDLRVISSHQMGISALESHYGAKDKQM

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.