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Cntfr, 23-342aa, Rat, His-tag, Baculovirus

产品货号: TP01675

第三版

别名:Ciliary neurotrophic factor receptor subunit alpha, Cntfr

描述:Cntfr, also known as ciliary neurotrophic factor receptor subunit alpha, is a member of the type 1 cytokine receptor family. It mediates the biological action of CNTF. CNTF is a polypeptide hormone that supports the survival of neurons of the peripheral sensory, sympathetic, and ciliary ganglia at various stages in their development. CNTFR and its cognate ligand support the survival of neurons. The CNTF receptor complex is most closely related to, and shares subunits with the receptor complexes for interleukin-6 and leukemia inhibitory factor. The specificity conferring alpha subunit of the CNTF complex (CNTFR alpha), is extremely well conserved across species, and has a distribution localized predominantly to the nervous system and skeletal muscle. Recombinant rat Cntfr, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:36.9kDa (328aa), 40-57KDa (SDS-PAGE under reducing conditions.)

序列:

QKHSPQEAPHVQYERLGTDVTLPCGTASWDAAVTWRVNGTDLAPDLLNGSQLILRSLELGHSGLYACFHRDSWHLRHQ
VLLHVGLPPREPVLSCRSNTPKGFYCSWHLSPPTYIPNTFNVTVLHGSKMMVCEKDPALKNRCHIRYMHLFSTIKYKVSIS
VSNALGHNTTAITFDEFTIVKDPPEENVVAVPVPSPNRRLEVTWQTPSTWPDPEFPLKFFLRPLILDQWQHVELSNGTA
HTITDAYAGKEYIIQVAAKDNEIGTWSDWSVAAHATPWTEEPRLTTEAQAPETTTTSTTSSLAPPPTTKICDPGELSSLEHH
HHHH

纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

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.