

**CNTF/AI429687, Mouse, Recombinant****Cat. No. : GPCK304****产品信息**

物种	Mouse
表达宿主	E.coli
序列信息	MAFAEQSPLTLHRRDLCSRSIWLARKIRSDLTALMESYVKHQGLNKNISLDSVDGVPVASTDR WSEMTEAERLQENLQAYRTFQGMLTKLLEDQRVHFTPTEGDFHQAIHTLTLQVSAFAYQLEEL MALLEQKVPEKEADGMPVTIGDGGLFEKKLWGLKVLQELSQWTVRSIHDLRVISSHHMGISA HESHYGAKQM with polyhistidine tag at the C-terminus.
检索号	P51642.1
标签	His-tag at the C-terminus
分子量	23.40 kDa
有效期	12 months
生物活性	Measure by its ability to induce proliferation in TF-1 cells. The ED50 for this effect is < 10 ng/mL. The specific activity of recombinant mouse CNTF is > 1 × 10 <sup>5</sup> IU/mg.

**产品特性**

内毒素 (EU/μg)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 μm filtered solution containing 1 × PBS, pH 7.4.
复溶	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

**背景介绍**

The ciliary neurotrophic factor is a protein that in humans is encoded by the CNTF gene. It is a hypothalamic neuropeptide that is a potent survival factor for neurons and oligodendrocytes and may be relevant in reducing tissue destruction during inflammatory attacks. CNTF has also been shown to be expressed by cells on the bone surface and to reduce the activity of bone-forming cells (osteoblasts).

