

CHAMOT

Recombinant Mouse CNTF

CM082-5MP

CM082-20MP

CM082-100MP

CM082-500MP

CM082-1000MP



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喬默生物技術(上海)有限公司
CHAMOT BIOTECHNOLOGY CO., LTD.

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Recombinant Mouse CNTF (Ciliary neurotrophic factor)

编号:	CM082-5MP CM082-20MP CM082-100MP CM082-500MP CM082-1000MP	规格:	5 µg 20 µg 100 µg 500 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

描述: 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).

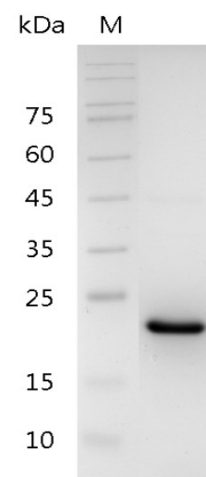
来源: *Escherichia coli*

纯度: >98% as determined by SDS-PAGE. Ni-NTA chromatography.

生物学活性: 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 x 10⁵ IU/mg.

内毒素检测: < 0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列: MAFAEQSPLTLHRRDLCSRSIWLARKI
RSDLTALMESYVKHQGLNKNISLDSV
DGVPVASTDRWSEMTEAERLQENLQ
AYRTFQGMLTKLLEDQRVHFTPTEGD
FHQAIHTLTQVSAFAYQLEELMALLE
QKVPEKEADGMPVTIGDGGLFEKKL
WGLKVLQELSQWTVRSIHDLRVISSH
HMGISAHESHYGAQM with
polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant mouse CNTF

产品组成

成分：从含有 1X PBS, pH 7.4 溶液中冻干的蛋白质.

产品储存/运输

产品形式	储存温度	储存时间
冻干粉	-20°C至-80°C	自收到之日起1年
重悬液 (初始)	2°C至8°C	不超过1周
重悬液 (经稀释)	-20°C至-80°C	3到6个月

运输方式：蓝冰

产品使用

- 1、开盖前，建议3000-3500rpm离心5min。
- 2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100 μ g/mL，不高于1mg/mL，并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液，2-8°C无菌保存不超过1周。
- 4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1% BSA、10% FBS 或5% HSA）的溶液进一步稀释（不低于10 μ g/mL）后分装保存，-20°C至-80°C无菌保存3到6个月。无血清实验需求时，可更换为5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry;
FACS= Fluorescence activated Cell Sorting; FA= Functional Assay