

# CHAMOT

## Recombinant Mouse TNF beta

CM039-5MP

CM039-20MP

CM039-100MP

CM039-500MP

CM039-1000MP



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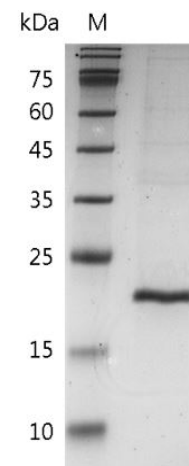
## Recombinant Mouse TNF beta (Tumor necrosis factor beta)

编号:	CM039-5MP CM039-20MP CM039-100MP CM039-500MP CM039-1000MP	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:** TNF- works as a potential mediator in the inflammatory and immune process. It a component of the TNF family of ligands, and signals through TNFR1 and TNFR2. TNF- is secreted by activated T and B lymphocytes, and has similar function to TNF- . In the same manner as TNF- , TNF- is involved in the regulation of various biological processes, including cell proliferation, differentiation, apoptosis, lipid metabolism, coagulation, and neurotransmission. TNF- is generally released as a soluble polypeptide. In addition, lymphotoxin- can anchor TNF- to the cell surface and form heterotrimers in an effective manner. TNF- is cytotoxic to a wide range of tumor cells.

**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 cytotoxicity in L929 cells in the presence of actinomycin D. The ED<sub>50</sub> for this effect is < 30 ng/mL.  
**内毒素检测:** < 0.1 EU per 1 µg of the protein by the LAL method.  
**蛋白序列:** LSGVRFSAARTAHPLPQKHLTHGILKP  
AAHLVGYPKQNSLLWRASTDRAFLR  
HGFSLSNNSLLIPTSGLYFVYSQVVFS



SDS- PAGE analysis of recombinant mouse TNF beta

GESCSPTAIPTPIYLAHEVQLFSSQYPF  
HVPLLSAQKSVYPGLQGPWVRSMYQ  
GAVFLLSKGDQLSTHTDGISHLHFSPS  
SVFFGAFAL with polyhistidine tag  
at the N-terminus

## 产品组成

成分： 从含有 1X PBS, pH 8.0 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℃至-80℃	自收到之日起1年
重悬液 (初始)	2℃至8℃	不超过1周
重悬液 (经稀释)	-20℃至-80℃	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100μg/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℃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10ug/mL）后分装保存，-20℃至-80℃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