

CHAMOT

Recombinant Human TNF beta

CM047-5HP
CM047-20HP
CM047-100HP
CM047-500HP
CM047-1000HP



CHAMOT

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Recombinant Human TNF beta (Tumor necrosis factor beta)

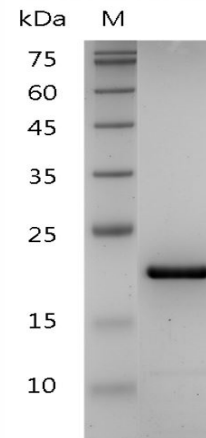
编号:	CM047-5HP	规格:	5 μ g
	CM047-20HP		20 μ g
	CM047-100HP		100 μ g
	CM047-500HP		500 μ g
	CM047-1000HP		1 mg

类别: 重组蛋白 应用: Functional Assay

产品简介

描述: TNF- β 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- β is secreted by activated T and B lymphocytes, and has similar function to TNF- α . In the same manner as TNF- α , TNF- β is involved in the regulation of various biological processes, including cell proliferation, differentiation, apoptosis, lipid metabolism, coagulation, and neurotransmission. TNF- β is generally released as a soluble polypeptide. In addition, lymphotoxin- β can anchor TNF- β to the cell surface and form heterotrimers in an effective manner. TNF- β is cytotoxic to a wide range of tumor cells.

来源: *Escherichia coli*
纯度: >98% as determined by SDS-PAGE.
生物学活性: Measure by its ability to induce cytotoxicity in L929 cells in the presence of actinomycin D. The ED₅₀ for this effect is < 3 pg/mL. The specific activity of recombinant human TNF beta is >3.3 x 10⁸ IU/mg.



SDS- PAGE analysis of recombinant human TNF beta

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

蛋白序列: LPGVGLTPSAAQTARQHPKMHLAHS
 TLKPA AHLIGDPSKQNSLLWRANTDR
 AFLQDGFSLSNNSLLVPTSGIYFVYSQ
 VVFSGKAYSPKATSSPLYLAHEVQLFS
 SQYPFHVPLLSSQKMVYPGLQEPWL
 HSMYHGAAFQLTQGDQLSTHTDGIP
 HLVLSPSTVFFGAFAL with
 polyhistidine tag at the N-terminus

产品组成

成分: 从含有 20 mM sodium citrate , 0.2 M NaCl, pH 4.5 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°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10ug/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