

CHAMOT

Recombinant Human TNF alpha

CM046-20HP
CM046-100HP
CM046-500HP
CM046-1000HP



CHAMOT

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Recombinant Human TNF alpha (Tumor necrosis factor alpha)

编号:	CM046-20HP CM046-100HP CM046-500HP CM046-1000HP	规格:	20 µg 100 µg 500 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

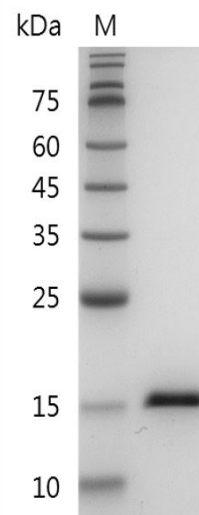
描述: TNF- α is a kind of pleiotropic pro-inflammatory cytokine. It is secreted by various cells, such as adipocytes, activated monocytes, macrophages, B cells, T cells and fibroblasts. Proteolysis of the integral membrane precursor form of TNF- α from cells soluble can release homotrimeric TNF- α . TNF- α can bind with some TNF- α receptors induces apoptosis, besides, also trigger other responses depending on cell type, receptor expression, and signal transduction status. TNF- α participate in the inflammatory response.

来源: *Escherichia coli*
纯度: >97% 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 < 0.1 ng/mL. The specific activity of recombinant human TNF alpha is approximately 1 x 10⁷ IU/mg.

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

蛋白序列: MVRSSSRTPSDKPVAHVVANPQAEG
QLQWLNRRANALLANGVELRDNQL
VVPSEGLYLIYSQVLFKGQGCPTHVL
LTHTISRIAVSYQTKVNLLSAIKSPCQR
ETPEGAEAKPWYEPIYLGGVFQLEKG



SDS- PAGE analysis of recombinant human TNF alpha

DRLSAEINRPDYLDFAESGQVYFGIIA
Lwith polyhistidine tag at the C-terminus

产品组成

成分： 从含有 500 mM NaCl 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℃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℃可无菌保存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