

Recombinant Human TNF alpha (Tumor necrosis factor alpha)

编号: PY2274

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.

Escherichia coli

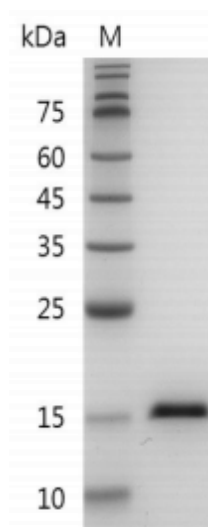
来源: >97% as determined by SDS-PAGE.

纯度: 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 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
VVPSEGLYLIYSQVLFKGGCPSTHVL
LHTISRIAVSYQTKVNLLSAIKSPCQR
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 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°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