

重组人 TNF-β/TNFSF1 (肿瘤坏死因子) ; TNFβ/TNFSF1

产品编号: MB6022

质量标准: >95%,BR

包装规格: 50μg

产品形式: solid

简介:

TNF is secreted by macrophages, monocytes, neutrophils, T-cells, NK-cells following their stimulation by bacterial LPS. Cells expressing CD4 secrete TNF-alpha while CD8 cells secrete little or no TNF-alpha. The synthesis of TNF-alpha is induced by many different stimuli including interferons, IL2, GM-CSF. TNF-β is a potent mediator of inflammatory and immune responses. It belongs to the TNF family of ligands, and signals through TNFR1 and TNFR2. TNF-β is produced by activated T and B lymphocytes, and has similar activities to TNF-α. It mediates a large variety of inflammatory, immunostimulatory, and antiviral responses.

Recombinant Human TNF-β produced in *E. coli* is a glycosylated polypeptide chain of 172 amino acids. A fully biologically active molecule, rhTNF-β has a molecular mass of 18.6 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at GenScript.

别名: Tumor Necrosis Factor-β, human; TNF-beta, human, TNFSF1, Lymphotoxin-alpha (LT-α)

性状描述:

Species:Human

Source:E. coli

Measured Molecular Weight:18.6kDa, observed by reducing SDS-PAGE.

Purity:> 95% as analyzed by SDS-PAGE.

Formulation:Lyophilized after extensive dialysis against PBS.

Reconstitution:Reconstituted in ddH2O or PBS at 100 μg/ml.

Sequence:

MLPGVGLTPS AAQTARQHPK MHLAHSTLKP AAHLIGDPSK
QNSLLWRANT DRAFLQDGFS LSNNLLVPT SGYFVYSQV
VFSGKAYSPK ATSSPLYLAH EVQLFSSQYP FHVPLLSSQK
MVYPGLQEPW LHSMYHGAFF QLTQGDQLST HTDGIPHLVL
SPSTVFFGAF AL

储存条件: Lyophilized recombinant Human Tumor Necrosis Factor-beta (TNF-β) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, Human TNF-β should be stable up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) can be added. Avoid repeated freeze-thaw cycles.

生物活性:

ED50 < 4 pg/mL, measured in a cytotoxicity assay using L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D, corresponding to a specific activity of >2.5 x 10⁸ units/mg.

美仑相关产品推荐

MB6024	重组人 TNF-α (肿瘤坏死因子)
MB12006	肿瘤坏死因子-α(10-36),人

MB12007	肿瘤坏死因子- α (31-45), 人
MB12008	肿瘤坏死因子- α (46-65), 人
MB12009	肿瘤坏死因子- α (71-82), 人
MB12010	肿瘤坏死因子- α (72-82), 人
MB12011	肿瘤坏死因子- α (78-96), 人
MB11996	肿瘤坏死因子 α -转移酶(ADAM-17)
MB11680	P55-肿瘤坏死因子受体
MB11689	P75-肿瘤坏死因子受体片段
MB10210	[Ile76]-人肿瘤坏死因子-a (70-80)

用途及描述: 科研试剂, 广泛应用于分子生物学, 药理学等科研方面, 严禁用于人体。

【注意】

- 我司产品为非无菌包装, 若用于细胞培养, 请提前做预处理, 除去热原细菌, 否则会导致染菌。
- 部分产品我司仅能提供部分信息, 我司不保证所提供信息的权威性, 以上数据仅供参考交流研究之用。