

Recombinant Human TNF-alpha Protein, His tag

产品信息

产品名称	产品编号	规格
Recombinant Human TNF-alpha Protein, His tag	90601ES10	10 µg
	90601ES60	100 µg
	90601ES76	500 µg

产品简介

Human TNF-alpha is a cytokine that plays a crucial role in the inflammatory response. It is produced by various immune cells such as macrophages and T-cells and is involved in the regulation of immune cell proliferation, differentiation, and apoptosis.

性能参数

Synonyms	Tumor Necrosis Factor, TNFA, TNFSF2, Cachectin, Cytotoxin, Differentiation-inducing factor, DIF
Uniprot No.	P01375
Source	E.coli-derived human TNF- α /TNFSF2 protein, Val77-Leu233, with C-terminal His tag.
Molecular Weight	Approximately 18.5 kDa.
Purity	> 95% as determined by SDS-PAGE.
Endotoxin	< 0.01 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS.
Reconstitution	Centrifuge tubes before opening. Dissolve lyophilized protein with PBS. Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.

产品数据

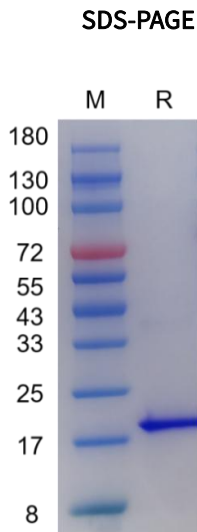


Figure 1. Human TNF-alpha on SDS-PAGE under reduced condition. The purity is greater than 95%.

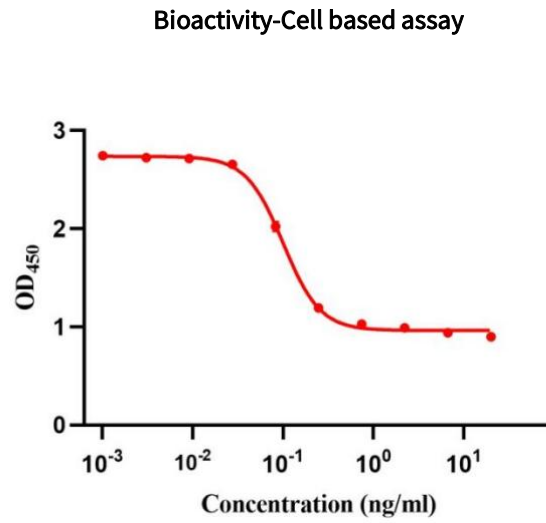


Figure 2. The ED₅₀ as determined by a cytotoxicity assay using L929 cells is 0.095 to 0.106 ng/mL, corresponding to a specific activity of $> 9.4 \times 10^6$ IU/mg.