

Recombinant Mouse TNF α (His Tag)

Cat.No.:MGC095 size:10 μ g/50 μ g/1mg(500 μ g $\times$ 2)

Characteristics:

Source	HEK293
Species	Mouse
Tag	C-His
Description	Recombinant Mouse TNF α (Leu 80 - Leu 235)
Accession#	P06804
Predicted molecular mass	~18.4kDa. It is composed of one non-glycosylated polypeptide chain containing 156 amino acids.

Specification:

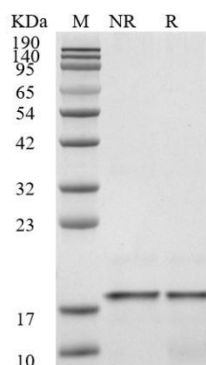
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	$\geq$ 95%,by SDS-PAGE(under reducing(R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.005 EU/ μ g
Activity	Immobilized Mouse TNF α (Cat. No. MGC095) at 3 μ g/ml (100 μ l/well) can bind Mouse TNFR1-hFc with a linear range of 3-30ng/ml.
Formulation	0.2 μ m-filtered solution containing PBS with 0.01% Tween 80, trehalose and mannitol, pH 7.4.

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water. 细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL240 (1mL无菌水+10mL 稀释液)
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20 $^{\circ}$ C to-80 $^{\circ}$ C in lyophilized state 6 months at-20 $^{\circ}$ C to-80 $^{\circ}$ C under sterile conditions after reconstitution 7-10 days at 2 $^{\circ}$ C to 8 $^{\circ}$ C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

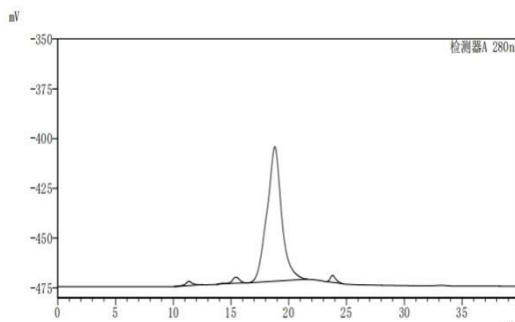
Data:

SDS-PAGE



Recombinant Mouse TNF α (Cat. No. MGC095) on SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

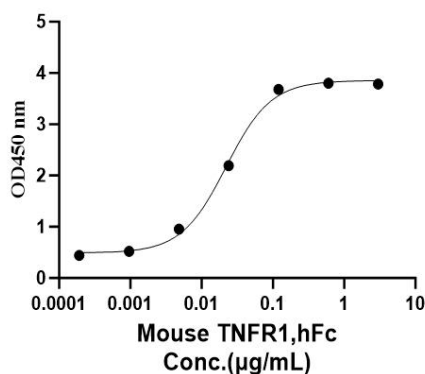
SEC-HPLC



The purity of MGC095 is more than 95% verified by SEC-HPLC.

Bioactivity

Immobilized MGC095 binds to Mouse TNFR1,hFc



Immobilized Mouse TNF α (Cat. No. MGC095) at 3 μ g/ml (100 μ l/well) can bind Mouse TNFR1-hFc with a linear range of 3-30ng/ml. The EC₅₀ is 0.02205 μ g/ml.