

Recombinant Biotinylated Human TNF α (His,AviTag)

Cat.No.:MGC094 size:20 μ g/100 μ g

Characteristics:

Source	HEK293
Species	Human
Tag	C-AviTag-His
Description	Recombinant Biotinylated Human TNF α (Val 77 - Leu 233)
Accession#	P01375
Predicted molecular mass	~20.3kDa. It is composed of one non-glycosylated polypeptide chain containing 157 amino acids.

Specification:

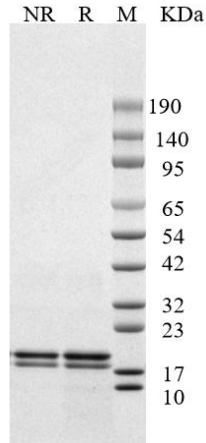
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	$\geq 95\%$, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.005 EU/ μ g
Activity	Immobilized Recombinant Biotinylated Human TNF α (His,AviTag) at 1 μ g/ml (100 μ l/well) can bind Infliximab (Cat. No. MB2773) with a linear range of 1-20ng/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.

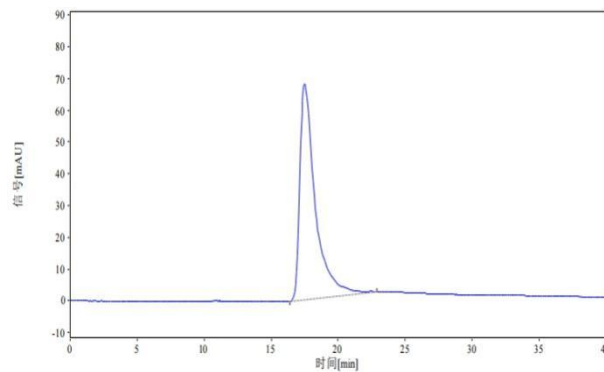
Data:

SDS-PAGE



Recombinant Biotinylated Human TNF α (Cat. No. MGC094) 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%.

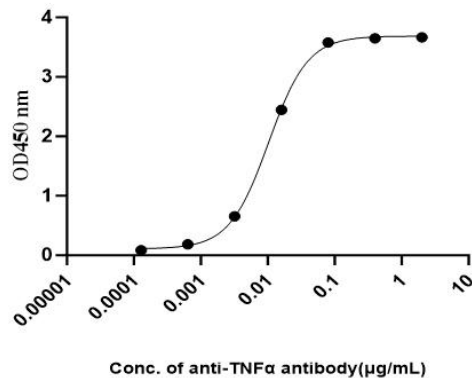
SEC-HPLC



The purity of MGC094 is more than 95% verified by SEC-HPLC.

Bioactivity

Immobilized MGC094 binds to anti-TNF α antibody (Infliximab)



Immobilized Recombinant Biotinylated Human TNF α at 1 μ g/ml (100 μ l/well) can bind Infliximab (Cat. No. MB2773) with a linear range of 1-20ng/ml. The EC₅₀ is 0.01029 μ g/ml.

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