

Recombinant Biotinylated Human TNF α (hFc,AviTag)

Cat.No.:MGC093 size:20 μ g/100 μ g

Characteristics:

Source	HEK293
Species	Human
Tag	C-hlgG1Fc-AviTag
Description	Recombinant Biotinylated Human TNF α (Val77 - Leu233)
Accession#	P01375
Predicted molecular mass	~90.5 kDa. It is composed of one non-glycosylated polypeptide chain containing 157 amino acids.

Specification:

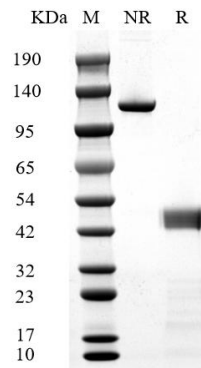
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	$\geq 95\%$, by SDS-PAGE (under reducing(R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.005 EU/ μ g
Activity	Immobilized Infliximab at 5 μ g/ml (100 μ l/well) can bind Recombinant Biotinylated Human TNF α (Cat. No. MGC093) with an effective binding range of 0.02-0.5 μ g/ml.
Formulation	0.2 μ m-filtered solution containing PBS with 0.01% Tween 80, trehalose and mannitol, pH 7.0.

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.

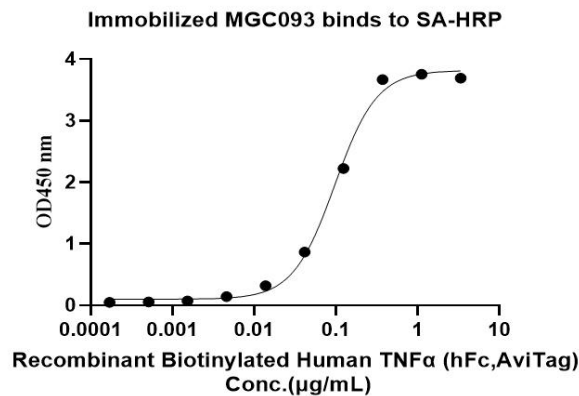
Data:

SDS-PAGE



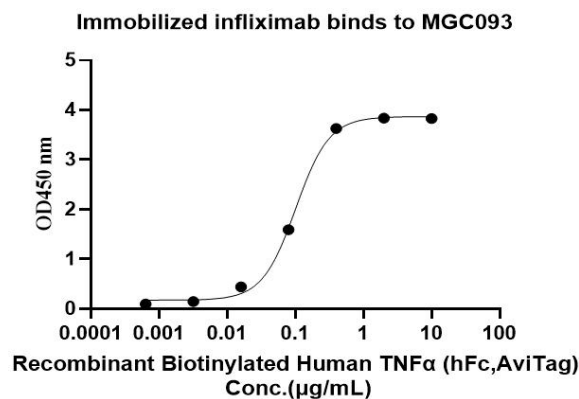
Recombinant Biotinylated Human TNF α (Cat. No. MGC093) on SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

Biotinylation



Immobilized MGC093 can bind SA-HRP. The EC_{50} is 0.096 μ g/mL.

Bioactivity



Immobilized Infliximab at 5 μ g/mL (100 μ L/well) can bind Recombinant Biotinylated Human TNF α (Cat. No. MGC093) with an effective binding range of 0.02-0.5 μ g/mL. The EC_{50} is 0.102 μ g/mL.

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