

Recombinant Biotinylated Human IL-1A (hFc,AviTag)

Cat.No.:MGC110 size:20µg/100µg

Characteristics:

Source	HEK293
Species	Human
Tag	N-His-AviTag
Description	Recombinant Biotinylated Human IL-1A (Ser113 - Ala271)
Accession#	P01583-1
Predicted molecular mass	~21.3 kDa. It is composed of one non-glycosylated polypeptide chain containing 159 amino acids.

Specification:

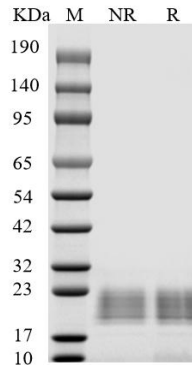
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.005 EU/µg
Activity	Immobilized Human IL-1R-hFc at 3µg/ml (100µl/well) can bind Recombinant Biotinylated Human IL-1A (Cat. No. MGC110) with a linear range of 0.02-2.5µg/ml.
Formulation	0.2 µm-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℃ to -80℃ in lyophilized state 6 months at -20℃ to -80℃ under sterile conditions after reconstitution 7-10 days at 2℃ to 8℃ under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

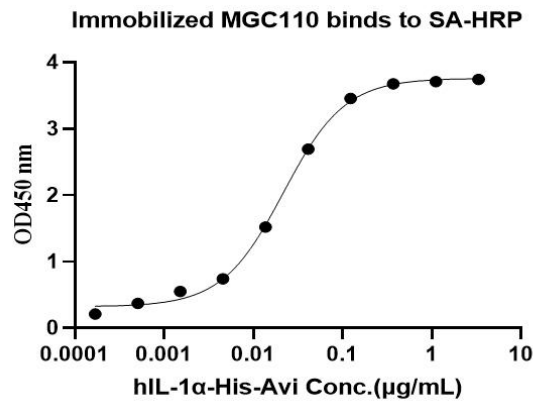
Data:

SDS-PAGE



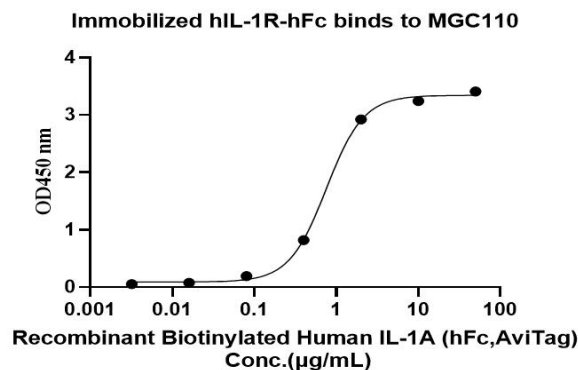
Recombinant Biotinylated Human IL-1A (Cat. No. MGC110) on SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

Biotinylation



Immobilized MGC110 can bind SA-HRP. The EC_{50} is 0.022μg/ml.

Bioactivity



Immobilized Human IL-1R-hFc at 3μg/ml (100μl/well) can bind Recombinant Biotinylated Human IL-1A (Cat. No. MGC110) with a linear range of 0.02-2.5μg/ml. The EC_{50} is 0.755μg/ml.