

Recombinant Human IL-4 (hFc Tag)

Cat.No.:MGC117 size:10µg/50µg/1mg(500µg×2)

Characteristics:

Source	HEK293
Species	Human
Tag	C-hlgG1Fc
Description	Recombinant Human IL-4 (His25 - Ser153)
Accession#	P05112-1
Predicted molecular mass	~82.2 kDa. It is composed of one non-glycosylated polypeptide chain containing 129 amino acids.

Specification:

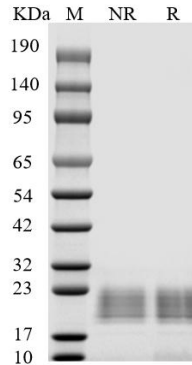
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.005 EU/µg
Activity	Immobilized Recombinant Human IL-4 (Cat. No. MGC117) at 5µg/ml (100µl/well) can bind Human IL-4-His with a linear range of 0.008-0.125µg/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.

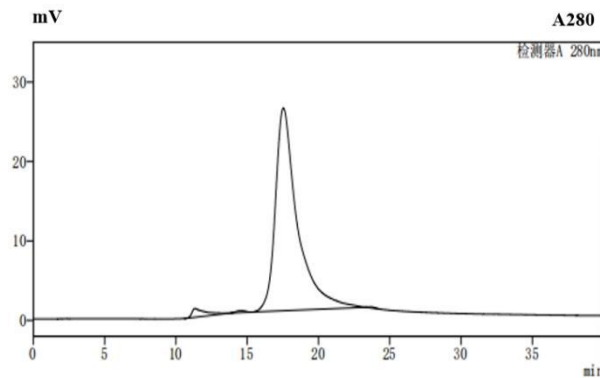
Data:

SDS-PAGE



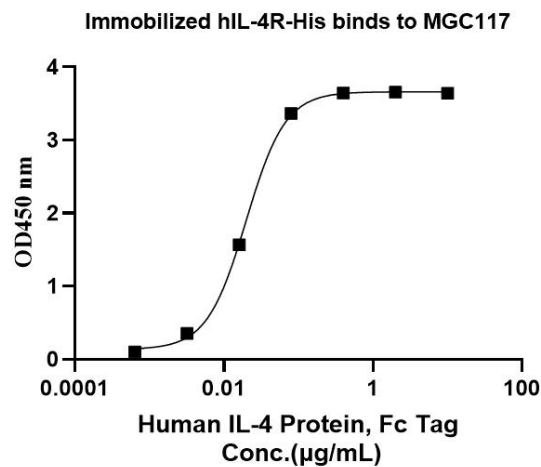
Recombinant Human IL-4 (Cat. No. MGC117) on SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

SEC-HPLC



The purity of MGC117 is more than 95% verified by SEC-HPLC.

Bioactivity



Immobilized Recombinant Human IL-4 (Cat. No. MGC117) at 5μg/ml (100μl/well) can bind Human IL-4-His with a linear range of 0.008-0.125μg/ml. The EC₅₀ is 0.020μg/ml.

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