

Recombinant Cynomolgus IL-22 (His Tag)

Cat.No.:MGC126 size:10µg/50µg/1mg(500µg×2)

Characteristics:

Source	HEK293
Species	Cynomolgus
Tag	C-His
Description	Recombinant Cynomolgus IL-22 (Ala34 - Ile179)
Accession#	G7PHZ7
Predicted molecular mass	~17.7kDa. It is composed of one non-glycosylated polypeptide chain containing 146 amino acids.

Specification:

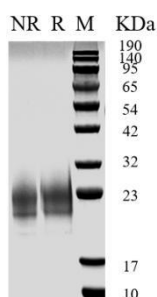
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.005 EU/µg
Activity	Immobilized Human IL-22 RA1-hFc at 3 µg/mL (100 µL/well) can bind Recombinant Cynomolgus IL-22 (Cat. No. MGC126) with a linear range of 0.02-2.5 µg/mL.
Formulation	0.2 µm-filtered solution containing PBS with 0.01% Tween 80, trehalose and mannitol, pH 6.0.

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.

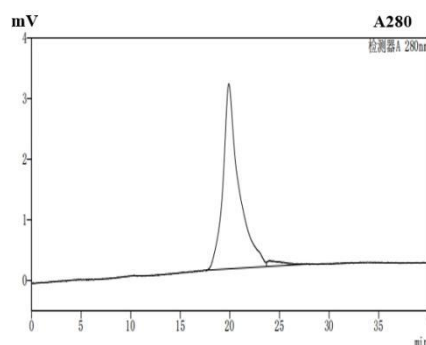
Data:

SDS-PAGE



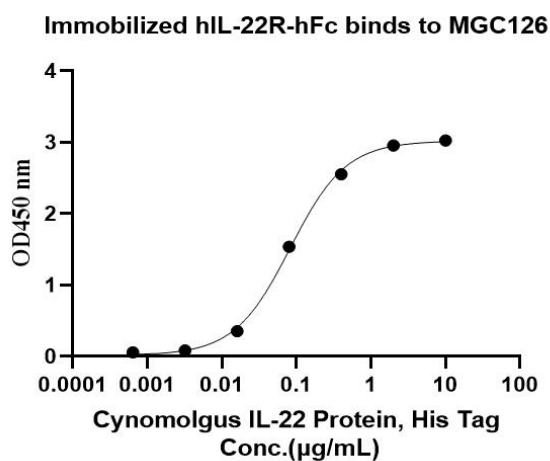
Recombinant Cynomolgus IL-22 (Cat. No. MGC126) on SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

SEC-HPLC



The purity of MGC126 is more than 95% verified by SEC-HPLC.

Bioactivity



Immobilized Human IL-22 RA1-hFc at 3μg/ml (100μl/well) can bind Recombinant Cynomolgus IL-22 (Cat. No. MGC126) with a linear range of 0.02-2.5μg/ml. The EC₅₀ is 0.082μg/ml.