

Recombinant Cynomolgus IL-13 (His Tag)

Cat.No.:MGC122 size:10μg/50μg/300μg

Characteristics:

Source	HEK293
Species	Cynomolgus
Tag	N-His
Description	Recombinant Cynomolgus IL-13 (Ser21 - Asn132)
Accession#	ABG75889.1
Predicted molecular mass	~13.5 kDa. It is composed of one non-glycosylated polypeptide chain containing 112 amino acids.

Specification:

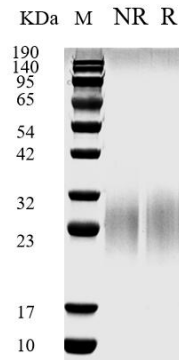
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.005 EU/μg
Activity	Immobilized Recombinant Cynomolgus IL-13 (Cat. No. MGC122) at 5μg/ml (100μl/well) can bind human IL-13-hFc with a linear range of 0.006-2.5μg/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.

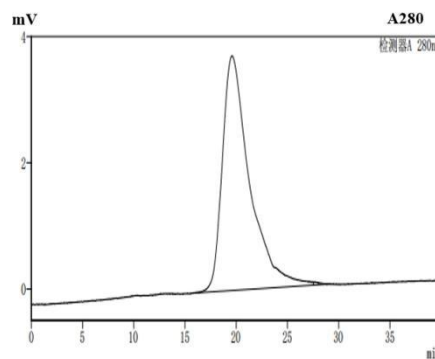
Data:

SDS-PAGE



Recombinant Cynomolgus IL-13 (Cat. No. MGC122) 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%.

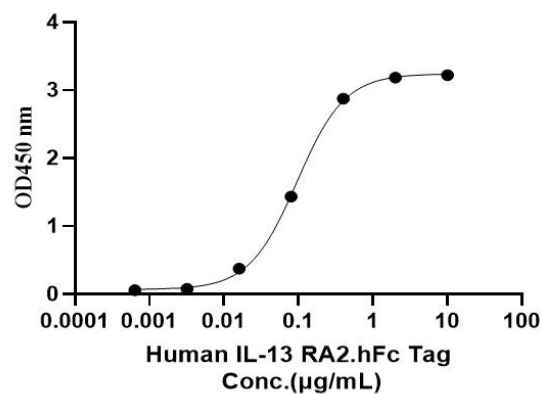
SEC-HPLC



The purity of MGC122 is more than 95% verified by SEC-HPLC.

Bioactivity

Immobilized MGC122 binds to hIL-13 RA2-hFc



Immobilized Recombinant Cynomolgus IL-13 (Cat. No. MGC122) at 5 µg/ml (100 µl/well) can bind human IL-13-hFc with a linear range of 0.006-2.5 µg/ml. The EC₅₀ is 0.096 µg/ml.