

Recombinant Cynomolgus IL-25 (His Tag)

Cat.No.:MGC205 size:10µg/50µg/1mg(500µg×2)

Characteristics:

Source	HEK293
Species	Cynomolgus
Tag	C-His
Description	Recombinant Cynomolgus IL-25 (Tyr33 - Gly176)
Accession#	G7P9V9
Predicted molecular mass	~17.7kDa. It is composed of one non-glycosylated polypeptide chain containing 144 amino acids.

Specification:

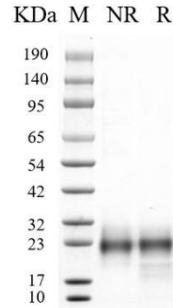
Appearance	White powder, colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.005 EU/µg
Activity	Immobilized Recombinant Cynomolgus IL-25 (His Tag) at 1µg/ml (100µl/well) can bind Human IL-17 RB-hFc. with a linear range of 1-20ng/ml.
Formulation	0.2 µm-filtered solution containing PBS with 0.01% Tween 80, trehalose and mannitol, pH 7.4.

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:

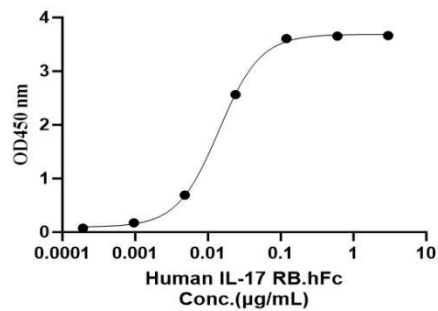
SDS-PAGE



Recombinant Cynomolgus IL-25 (Cat. No. MGC205) 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%.

Bioactivity

Immobilized MGC205 binds to Human IL-17 RB.hFc



Immobilized Recombinant Cynomolgus IL-25 (His Tag) at 1 μg/ml (100 μl/well) can bind Human IL-17 RB-hFc with a linear range of 1-20 ng/ml. The EC₅₀ is 0.01410 μg/ml.