

Recombinant Mouse M-CSF/CSF-1

Cat.No.:MGC098 size:10µg/50µg/1mg(500µg×2)

Characteristics:

Source	HEK293
Species	Mouse
Tag	tag free
Description	Recombinant Mouse M-CSF/CSF-1 (Lys33 - Glu262)
Accession#	P07141
Predicted molecular mass	~28.5kDa. It is composed of one non-glycosylated polypeptide chain containing 230 amino acids.

Specification:

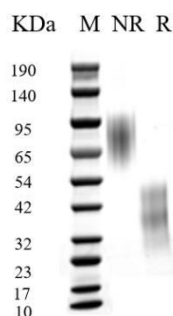
Appearance	White powder, colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.005 EU/µg
Activity	Immobilized Recombinant Mouse M-CSF/CSF-1 (Cat. No. MGC098) at 5µg/ml (100µl/well) can bind Mouse M-CSFR-hFc. with a linear range of 2-20ng/ml.
Formulation	0.2 µm-filtered solution containing PBS with 0.01% Tween 80, trehalose and mannitol, pH7.4.

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:

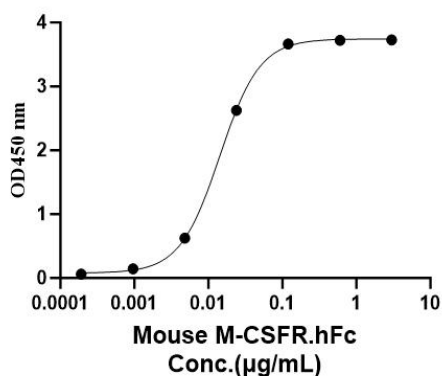
SDS-PAGE



Recombinant Mouse M-CSF/CSF-1 (Cat. No. MGC098) 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 MGC098 binds to Mouse M-CSFR.hFc



Immobilized Recombinant Mouse M-CSF/CSF-1 (Cat. No. MGC098) at 5μg/ml (100μl/well) can bind Mouse M-CSFR-hFc with a linear range of 2-20ng/ml. The EC₅₀ is 0.01427μg/ml.