

Active Recombinant Mouse Csf2ra protein, His-tagged, Low Endotoxin

Cat. No. Csf2ra-628M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Csf2ra protein(Q00941)(30-327 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	30-327 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse GM-CSF R alpha, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Mouse GM-CSF, hFc Tag with the EC50 of 3.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 33.1 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [Csf2ra colony stimulating factor 2 receptor, alpha, low-affinity \(granulocyte-macrophage\) \[Mus musculus \]](#)

Official Symbol [Csf2ra](#)

Synonyms CSF2RA; colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage); granulocyte-macrophage colony-stimulating factor receptor subunit alpha; GMR-alpha; GM-CSFRalpha; GMCSFR-alpha; GM-CSF-R-alpha; colony stimulating factor 2 receptor alpha chain; CD116; Csfgmra; GM-CSFR; GM-CSF-Ra;

Gene ID [12982](#)

mRNA Refseq [NM_009970](#)

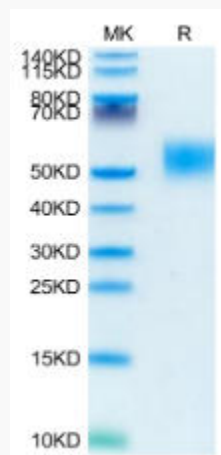
Protein Refseq [NP_034100](#)

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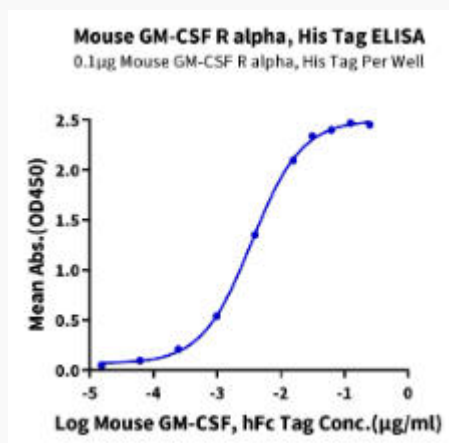
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Bis-Tris PAGE



ELISA Data



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