

Recombinant Human CSF2 protein

Cat. No. CSF2-3533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF2 protein(P04141)(Ala18-Glu144) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Ala18-Glu144
Tag	Non
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human GM-CSF at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human GM-CSF R alpha, hFc Tag with the EC50 of 10.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 14.6 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name CSF2 colony stimulating factor 2 (granulocyte-macrophage) [Homo sapiens]

Official Symbol CSF2

Synonyms CSF2; colony stimulating factor 2 (granulocyte-macrophage); granulocyte-macrophage colony-stimulating factor; GM CSF; GMCSF; granulocyte macrophage colony stimulating factor; molgramostin; sargramostim; CSF; colony-stimulating factor; granulocyte-macrophage colony stimulating factor; MGC131935; MGC138897;

Gene ID 1437

mRNA Refseq NM_000758

Protein Refseq NP_000749

MIM 138960

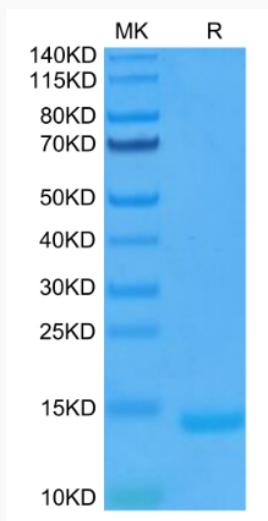
UniProt ID P04141

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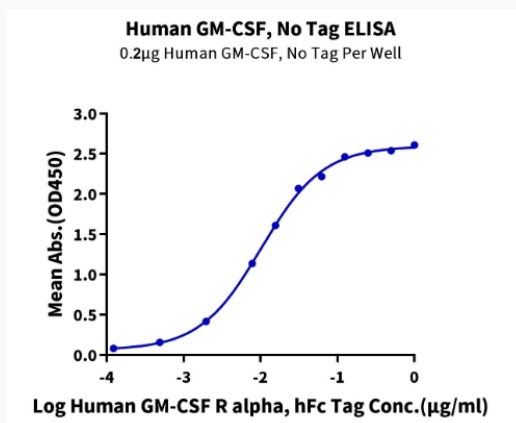
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Tris-Bis PAGE



ELISA Data



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