

Active Recombinant Human CSF1R protein, His-Avi-tagged, Low Endotoxin

Cat. No. CSF1R-333H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF1R protein(P07333-1)(20-512 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-512 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 Human M-CSF R, His Tag at 1µg/ml (100µl/Well). Dose response curve for Anti-M-CSF R Antibody, hFc Tag with the EC50 of 9.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 57.4 kDa. Due to glycosylation, the protein migrates to 75-105 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 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [CSF1R colony stimulating factor 1 receptor \[Homo sapiens \]](#)

Official Symbol [CSF1R](#)

Synonyms CSF1R; colony stimulating factor 1 receptor; FMS, McDonough feline sarcoma viral (v fms) oncogene homolog; macrophage colony-stimulating factor 1 receptor; C FMS; CD115; CSFR; CSF-1-R; CD115 antigen; CSF-1 receptor; FMS proto-oncogene; proto-oncogene c-Fms; macrophage colony stimulating factor I receptor; McDonough feline sarcoma viral (v-fms) oncogene homolog; FMS; FIM2; HDLS; C-FMS; CSF-1R; M-CSF-R;

Gene ID [1436](#)

mRNA Refseq [NM_005211](#)

Protein Refseq [NP_005202](#)

MIM [164770](#)

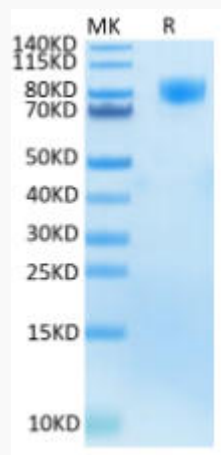
UniProt ID [P07333](#)

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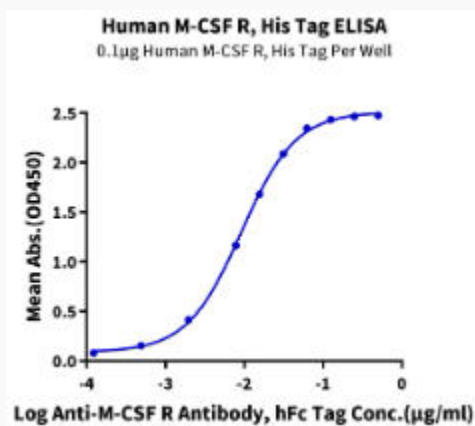
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Bis-Tris PAGE



ELISA Data



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