

Active Recombinant Human CSF1R protein, Fc-tagged

Cat. No. CSF1R-671H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CSF1R protein(P07333-1)(Ile20-Glu512) is expressed from HEK293 with hFc (IgG1) tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	20-512 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human M-CSF, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Human M-CSF R, hFc Tag with the EC50 of 26.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 81.3 kDa. Due to glycosylation, the protein migrates to 100-130 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-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 for optimal storage. Please minimize freeze-thaw cycles.

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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](#)

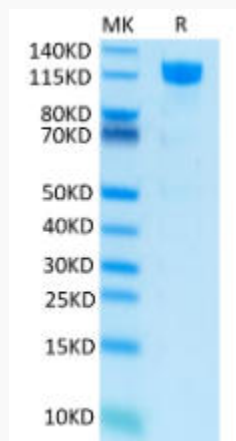
UniProt ID [P07333](#)

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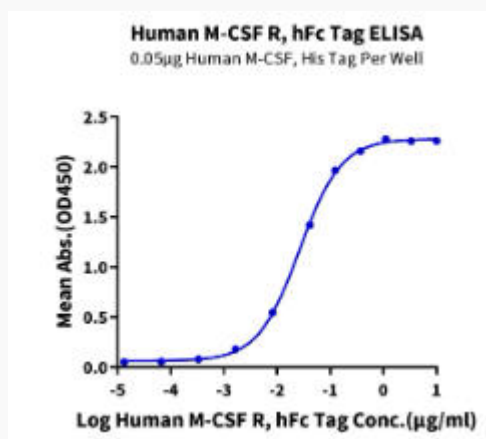
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Bis-Tris PAGE



ELISA Data



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