

Recombinant Human CSF1R protein, His-Avi-tagged, Biotinylated

Cat. No. CSF1R-022H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CSF1R protein(P07333-1)(Ile20-Glu512), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile20-Glu512
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human M-CSF R , His Tag at 0.5ug/ml(100ul/well) on the streptavidin precoated plate (5ug/ml). Dose response curve for Anti-M-CSF R Antibody, hFc Tag with the EC50 of 4.2ng/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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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

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

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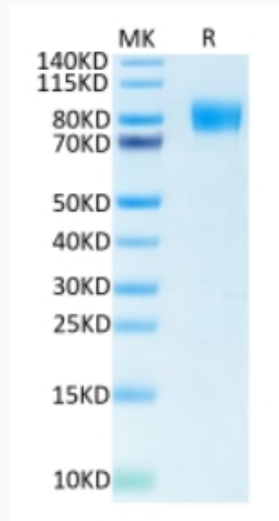
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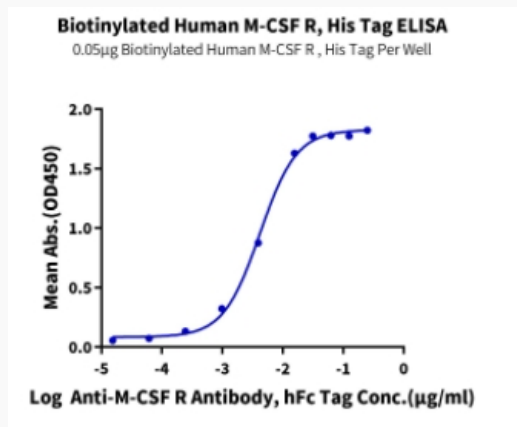
UniProt ID

P07333

Tris-Bis PAGE



ELISA Data



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