

Recombinant Human CSF1 protein, His-Avi-tagged

Cat. No. CSF1-603H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSF1 protein(P09603-1)(Glu33-Asn190), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Glu33-Asn190
Tag	C-His-Avi
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 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 21.3 kDa. Due to glycosylation, the protein migrates to 28-34 kDa based on 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

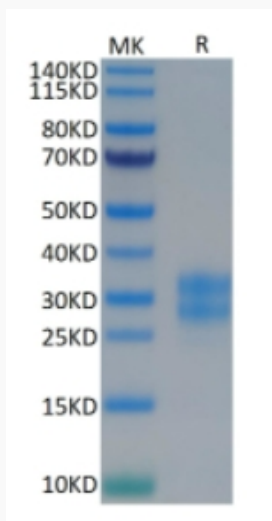
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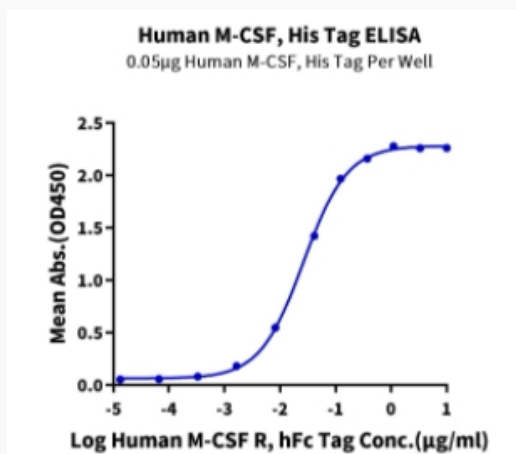
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	CSF1 colony stimulating factor 1 (macrophage) [Homo sapiens]
Official Symbol	CSF1
Synonyms	CSF1; colony stimulating factor 1 (macrophage); macrophage colony-stimulating factor 1; M CSF; MCSF; MGC31930; lanimostim; CSF-1;
Gene ID	1435
mRNA Refseq	NM_000757
Protein Refseq	NP_000748
MIM	120420
UniProt ID	P09603

Tris-Bis PAGE



ELISA Data



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