

Active Recombinant Mouse Csf1r Protein, His-Avi-tagged, Biotinylated

Cat. No. Csf1r-4001M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Mouse M-CSF R, His Tag is expressed from HEK293 cells. It contains AA Ala 20 - Ser 511 (Accession # P09581-1). This protein carries an Avi tag at the C-terminus, followed by a polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	20-511 a.a.
Predicted N Terminal	Ala 20
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4 , 10% trehalose.
Bio-activity	Immobilized Human M-CSF, His Tag at 10 ug/mL (100 uL/well) can bind Biotinylated Mouse M-CSF R, His Tag with a linear range of 0.625-10 ug/mL.
Molecular Mass	The protein has a calculated MW of 58.4 kDa. The protein migrates as 78-115 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	Csf1r colony stimulating factor 1 receptor [Mus musculus]
Official Symbol	Csf1r
Synonyms	CSF1R; colony stimulating factor 1 receptor; macrophage colony-stimulating factor 1 receptor; c-fms; CSF-1-R; CSF-1 receptor; proto-oncogene fms; proto-oncogene c-Fms; Fms; CD115; Csfmr; Fim-2; CSF-1R; M-CSFR; M-CSF-R; AI323359;
Gene ID	12978
mRNA Refseq	NM_001037859
Protein Refseq	NP_001032948

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