

Recombinant Mouse M-CSF

Catalog No.	CRM008A CRM008B CRM008C CRM008E	Quantity:	2 µg 10 µg 1.0 mg 100 µg
Alternate Names:	Macrophage Colony Stimulating Factor, Lanimostim, CSF-1		
Description:	Recombinant mouse M-CSF is a disulfide linked homodimeric, non-glycosylated, polypeptide chain containing 2 x 159 amino acids.		
GenelD:	12977		
Protein Accession No:	NP_031804		
Source:	<i>E. coli</i>		
Molecular Weight:	36.8 kDa		
Formulation:	Sterile-filtered, lyophilized from 0.5 X PBS pH 8.0		
Endotoxin Level:	<0.01 ng/µg of protein		
Biological Activity:	Determined by the dose-dependent stimulation of the proliferation of mouse M-NFS-60 indicator cells. The ED ₅₀ is typically 0.5 - 3 ng/ml.		
Amino Acid Sequence:	MKEVSEHCSH MIGNGHLKVL QQLIDSQMET SCQIAFEFVD QEQLDDPVCY LKKAFFLVQD IIDETMRFKD NTPNANATER LQELSNLNS CFTKDYEEQN KACVRTFHET PLQLLEKIKN FNETKNLLE KDWNIFTKNC NNSFAKCSSR DVVTKP		
Reconstitution:	Centrifuge vial prior to opening. First add sterile water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store below -20°C. After reconstitution, stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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