

Recombinant Mouse M-CSF Protein

Catalog #	Source	Reactivity	Applications
CRP3019	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description Recombinant Mouse M-CSF Protein is produced by mammalian expression system and the target gene encoding Lys33-Glu262 is expressed.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol CSF1

Alternative Names Macrophage colony-stimulating factor 1; CSF-1; M-CSF; MCSF; Lanimostim

Entrez Gene 12977 (Mouse)

SwissProt P07141 (Mouse)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure KEVSEHCSHM IGNGHLKVLQ QLIDSQMETS CQIAFEFVDQ EQLDDPVCYL KKAFFLVQDI
IDETMRFKDN TPANATERL QELSNLNSC FTKDYEEQNK ACVRTFHETP LQLEKIKNF
FNETKNLLEK DWNIFTKNCN NSFACSSRD VVTKPDCNCL YPKATPSSDP ASASPHQPPA
PSMAPLAGLA WDDSQRTEGS SLLPSELPLR IEDPGSAKQR PPRSTCQTLV VDHSHHHH

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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