

## Mouse M-CSF protein (active)

## Cat. No. GTx65335-pro

Applications	Functional Assay	Package
Species	Mouse	10 µg

## PRODUCT

Summary	Recombinant murine M-CSF is a 36.4 kDa homodimeric protein containing two 156 amino acid polypeptide subunits. Verified by N-terminal and Mass Spectrometry analyses (when applicable).
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## Applications

## Application Note

The ED<sub>50</sub> as determined by the dose-dependent stimulation of the proliferation of M-NFS-60 cells is  $\leq$  1.0 ng/ml, corresponding to a specific activity of  $\geq 1 \times 10^6$  units/mg.

## Properties

Form	Lyophilized powder
Buffer	Reconstitute with ddH <sub>2</sub> O to 0.1-0.5mg/ml. Lyophilized from 5mM Tris (pH8.0), 100mM NaCl.
Preservative	No preservatives
Storage	Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.
Region/Sequence	MKEVSEHCSH MIGNGHLKVL QQIIDSQMET SCQIAFEFVD QEQLDDPV CY LKKAFFLVQD IIDETMRFKD NTPNANATER LQELSNNLNS CFTKDYEQQN KACVRTFHET PLQLLEKIKN FFNETKNLLE KDWNIFTKNC NNSFAKCSSR DVVTKP
Expression System	E. coli
Purity	≥98% by SDS-PAGE and HPLC.
Endotoxin	< 1 EU/µg
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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