

Mouse M-CSF protein (active)

Cat. No. GTX65335-pro

Applications Functional Assay

Species Mouse

Package

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).

Applications

Application Note

The ED₅₀ as determined by the dose-dependent stimulation of the proliferation of M-NFS-60 cells is ≤ 1.0 ng/ml, corresponding to a specific activity of ≥ 1 x 10⁶units/mg.

Properties

Form Lyophilized powder

Buffer Reconstitute with ddH₂O 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 QQLIDSQMET SCQIAFEFVD QEQLDDPVCY LKKAFFLVQD IIDETMRFKD NTPNANATER LQELSNLNS CFTKDYEEN KACVRTFHET PLQLEKIKN FFNETKNLLE KDOWNIFTKNC NNSFAKCSSR DWVTKP

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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