

Macrophage Colony Stimulating Factor Mouse E. coli

Product Data Sheet

Type: Recombinant	Cat. No.:	
Source: E. coli	RP1764390002	(2 µg)
Species: Mouse	RP1764390010	(10 µg)
	RP1764391000	(1 mg)

Description

Macrophage Colony Stimulating Factor Mouse Recombinant produced in E.coli is a disulfide linked homodimer, non-glycosylated, polypeptide chain containing 2x156 amino acids and having a total molecular mass of 36.4 KD. MCSF is purified by proprietary chromatographic techniques.

Amino Acid Sequence

MKEVSEHCSSH MIGNGHLKVL QQLIDSQMET SCQIAFEFVD QEQLDDPVCY LKKAFFLVQD IIDETMRFKD NTPNANATER
LQELSNLNS CFTKDYEEQN KACVRTFHET PLQLLEKIKN FFNETKNLLE KDWNIPTKNC NNSFAKCSSR DVVTKP

Source

E. coli

Purity

Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Biological Activity

The ED50, calculated by the dose-dependant stimulation of the proliferation of murine M-NFS-60 indicator cells was found 0.91 ng/ml.

Formulation

The protein (1 mg/ml) was lyophilized with 0.5xPBS, pH 8.0.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Lyophilized M-CSF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MCSF should be stored at 4°C between 2-7 days and for future use below -18°C **Please prevent freeze-thaw cycles.**

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

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