

## PRODUCT DATA SHEET

### Macrophage Colony Stimulating Factor Mouse E. coli

**Cat. No.:** RP1764390002

**Size:** 2 µg

**Source:** E. coli

**Type:** Recombinant protein

**Species:** Mouse

#### Other Names:

#### Description:

Macrophage Colony Stimulating Factor Mouse Recombinant produced in E.coli is a disulfide linked homodimer, non-glycosylated, polypeptide chain containing 2×156 amino acids and having a total molecular mass of 36.4 KD. MCSF is purified by proprietary chromatographic techniques.

#### Amino Acid Sequence:

MKEVSEHCSH MIGNGHLKVL QQLIDSQMET SCQIAFEFVD QEQLDDPVCY LKKAFFLVQD  
IIDETMRFKD NTPNANATER LQELSNLNS CFTKDYEEQN KACVRTFHET PLQLLEKIKN  
FFNETKNLLE KDWNIFTKNC NNSFAKCSSR DVVTKP

#### Purity:

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

#### Formulation:

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

#### Shipping:

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

#### Storage/Stability:

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.