

## 32-17635: Recombinant Human M-CSF Protein, mFc Tag

**Uniprot ID :** P09603  
**Alternative Name :** CSF-1, MCSF

### Description

Molecular Characterization: M-CSF(Glu33-Arg255) mFc(Pro99-Lys330)

Molecular weight: The protein has a predicted molecular mass of 51.2 kDa after removal of the signal peptide. The apparent molecular mass of M-CSF-mFc is approximately 55-75 kDa due to glycosylation.

Description: Recombinant Human M-CSF with C-terminal mouse Fc tag

The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of macrophages. The active form of the protein is found extracellularly as a disulfide-linked homodimer, and is thought to be produced by proteolytic cleavage of membrane-bound precursors. The encoded protein may be involved in development of the placenta. Alternate splicing results in multiple transcript variants.

### Product Info

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.