

# Recombinant Human CSF1 Protein, Mature chain, Tag Free, Biotinylated

**Cat. No.** CSF1-177H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human M-CSF protein was developed from b.mori.
<b>Species</b>	Human
<b>Source</b>	B.mori
<b>ProteinLength</b>	Mature chain
<b>Description</b>	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.
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilised
<b>Endotoxin</b>	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
<b>Notes</b>	FOR RESEARCH USE ONLY (RUO).
<b>Storage</b>	The lyophilized protein is stable for at least 1 year from date of receipt at -20

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centigrade. Upon reconstitution, this cytokine can be stored in working aliquots at -20 centigrade for six months, with a carrier protein without detectable loss

**Storage Buffer** Lyophilised from 0.2 µm filtered PBS solution pH 7.0 containing HSA and mannitol.

**Reconstitution** Upon receipt a quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.

**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** CSF1 colony stimulating factor 1 (macrophage) [ Homo sapiens (human) ]

**Official Symbol** CSF1

**Synonyms** CSF1; colony stimulating factor 1 (macrophage); macrophage colony-stimulating factor 1; M CSF; MCSF; MGC31930; lanimostim; CSF-1;

**Gene ID** 1435

**mRNA Refseq** NM\_000757

**Protein Refseq** NP\_000748

**MIM** 120420

**UniProt ID** P09603

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