

# Human M-CSF/CSF-1 (Fc Tag) recombinant protein



Catalog Number: 503597

## General Information

### Gene Name Synonym

Lanimostim; Processed macrophage colony-stimulating factor 1

### Protein Construction

A DNA sequence encoding the human CSF1 (NP\_757349.1) (Met1-Arg255) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> (83.9+9.7) % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Glu 33

### Molecular Mass

The recombinant human CSF1 consists 461 amino acids and predicts a molecular mass of 51.9 kDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

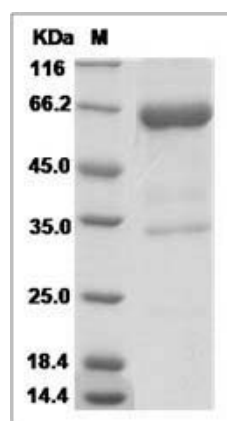
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



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