

Rat GM-CSF / CSF2 Protein (Fc Tag)

Catalog Number: 80020-R01H



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

CSF2, Csfgm

Protein Construction:

A DNA sequence encoding the rat CSF2 (P48750) (Ala18-Lys144) was expressed with Fc region of human IgG1 at the N-terminus.

Source: Rat

Expression Host: Human Cells

QC Testing

Purity: (88.2±10.0) % as determined by SDS-PAGE

Bio-Activity:

Measured in a cell proliferation assay using FDC-P1 cells.
The ED50 for this effect is typically 0.2-1 ng/mL.

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Glu

Molecular Mass:

The recombinant rat CSF2 comprises 387 amino acids and predicts a molecular mass of 43 kDa. The apparent molecular mass of the recombinant protein is approximately 43-47 and 36 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

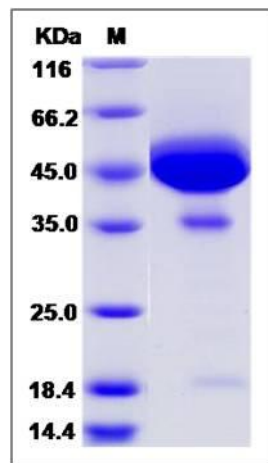
Usage Guide

Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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