

Human GM-CSF / CSF2 Protein

Catalog Number: 10015-HNAH



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

GM-CSF, CSF2, GMCSF

Protein Construction:

A DNA sequence encoding human GMCSF (NP_000749.2) (Met1-Glu144) was expressed.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Bio-Activity:

Measured in a cell proliferation assay using TF-1 human erythroleukemic cells.

The ED50 for this effect is typically 0.1-0.6 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: Ala 18

Molecular Mass:

The recombinant human GMCSF consists of 127 amino acids and predicts a molecular mass of 14.5 kDa. It migrates as an approximately 23.8 kDa band in SDS-PAGE under reducing conditions.

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.

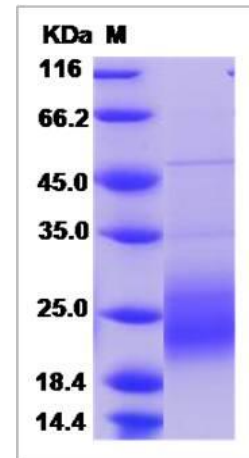
Usage Guide

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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