

Datasheet for ABIN7607566

GM-CSF Protein (AA 18-141) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	GM-CSF (CSF2)
Protein Characteristics:	AA 18-141
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This GM-CSF protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse CSF2/GM-CSF Protein, N-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured in a cell proliferation assay using FDC-P1 cells. The ED50 for this effect is typically 0.04-0.17 ng/mL, corresponding to a specific activity of $5.88 \times 10^6 \sim 2.5 \times 10^7$ units/mg.

Target Details

Target:	GM-CSF (CSF2)
Alternative Name:	Granulocyte-macrophage colony-stimulating factor (CSF2 Products)

Target Details

Background:	Granulocyte-macrophage colony-stimulating factor, GM-CSF, Colony-stimulating factor, CSF, Csf2, Csfgm
UniProt:	Q14AD9
Pathways:	JAK-STAT Signaling , Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months