

Datasheet for ABIN7315070

GM-CSF Protein (AA 18-144) (His tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	GM-CSF (CSF2)
Protein Characteristics:	AA 18-144
Origin:	Rat
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GM-CSF protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Rat GM-CSF Protein is produced by mammalian expression system and the target gene encoding Ala18-Lys144 is expressed with a 6His tag at the C-terminus.
Sequence:	APTRSPNPVT RPWKHVDAIK EALSLLNDMR ALENEKNEDV DIISNEFSIQ RPTCVQTRLK LYKQGLRGNL TKLNGALTMI ASHYQTNCPP TPETDCEIEV TTFEDFIKNL KGFLFDIPFD CWKPVQKVDH HHHHH
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

Target Details

Target:	GM-CSF (CSF2)
Alternative Name:	CSF2 (CSF2 Products)

Target Details

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 0.2 µm filtered solution of PBS pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.