## antibodies -online.com





**GM-CSF Protein (AA 18-144)** 



## Overview

Overview	
Quantity:	50 µg
Target:	GM-CSF (CSF2)
Protein Characteristics:	AA 18-144
Origin:	Rat
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active
Product Details	
Characteristics:	ED50 < 5 pg/mL, measured in a cell proliferation assay using FDC-P1 cells, corresponding to a
Characteristics:	ED50 < 5 pg/mL, measured in a cell proliferation assay using FDC-P1 cells, corresponding to a specific activity of > 2x10^8 units/mg.
Characteristics: Purity:	
	specific activity of > 2x10^8 units/mg.
Purity:	specific activity of > 2x10^8 units/mg. > 95 % as analyzed by SDS-PAGE and HPLC.
Purity: Endotoxin Level:	specific activity of > 2x10^8 units/mg. > 95 % as analyzed by SDS-PAGE and HPLC.
Purity: Endotoxin Level: Target Details	specific activity of > 2x10^8 units/mg.  > 95 % as analyzed by SDS-PAGE and HPLC.  < 0.2 EU/μg, determined by LAL method.
Purity: Endotoxin Level: Target Details Target:	specific activity of > 2x10^8 units/mg.  > 95 % as analyzed by SDS-PAGE and HPLC.  < 0.2 EU/μg, determined by LAL method.  GM-CSF (CSF2)

progenitors. Granulocyte Macrophage-Colony Stimulating Factor (GM-CSF) is produced by a

number of different cell types, including activated T cells, B cells, macrophages, mast cells,

Target Details	
	endothelial cells, and fibroblasts, in response to cytokine of immune and inflammatory stimuli.
	Besides granulocyte-macrophage progenitors, Granulocyte Macrophage-Colony Stimulating
	Factor (GM-CSF) is a growth factor for erythroid, megakaryocyte, and eosinophil progenitors.
	On mature hematopoietic, monocytes/macrophages and eosinophils.
	Synonyms: Granulocyte/Macrophage Colony-Stimulating Factor, CSF-2, MGI-1GM, pluripoietin-
	alpha
Molecular Weight:	16-26 kDa, observed by non-reducing SDS-PAGE.
UniProt:	P48750
Pathways:	JAK-STAT Signaling, Cellular Response to Molecule of Bacterial Origin
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Reconstituted in ddH20 or PBS at 100 μg/mL.
Duffor	Lyanhilizad after sytansiya dialyais against DDC

Format:	Lyophilized
Reconstitution:	Reconstituted in ddH2O or PBS at 100 μg/mL.
Buffer:	Lyophilized after extensive dialysis against PBS.
Storage:	-80 °C
Storage Comment:	Lyophilized recombinant Rat Granulocyte Macrophage-Colony Stimulating Factor (GM-CSF) remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, rrGM-CSF should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.
Expiry Date:	6 months