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Datasheet for ABIN1000923

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

Overview

Quantity:	10 µg
Target:	GM-CSF (CSF2)
Protein Characteristics:	AA 18-144
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GM-CSF protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Granulocyte Macrophage Colony Stimulating Factor (GM-CSF) (Western Blot Control)
Characteristics:	recombinant GM-CSF comprises a 127 amino acid fragment (18-144) corresponding to the mature GMCSF protein and is expressed in E. coli with an aminoterminal hexahistidine tag.
Purity:	> 95 %

Target Details

Target:	GM-CSF (CSF2)
Alternative Name:	Granulocyte Macrophage Colony Stimulating Factor (CSF2 Products)
Background:	GM-CSF is a potent species-specific growth factor produced by a variety of cell types including T cells, B cells, macrophages, mast cells and endothelial cells. GM-CSF is produced in response to cytokine or immune stimulation and has been shown to stimulate the proliferation,

Target Details

maturation and function of hematopoietic cells, Granulocyte-Macrophage Colony Stimulating Factor, Colony Stimulating Factor 2 (Granulocyte Macrophage), Molgramostin, Sargramostim.

Molecular Weight: 18.98 kDa

UniProt: [P04141](#)

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: Liquid

Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20 °C