

Colony Stimulating Factor 2, Granulocyte Macrophage (GM-CSF) Active Protein | GM-CSF active protein

Active Colony Stimulating Factor 2, Granulocyte Macrophage (GM-CSF)

CATALOG # AAA152960	HOST 293F Cell	APPLICATIONS Activity Assay, Cell Culture
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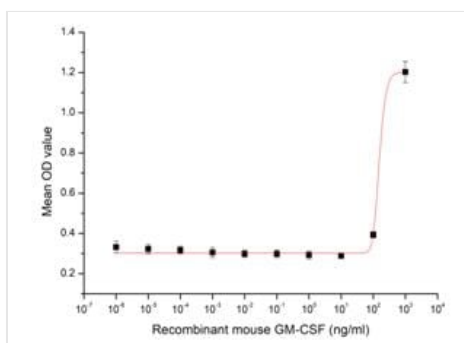
PRODUCT SYNONYMS

Colony Stimulating Factor 2; Granulocyte Macrophage (GM-CSF); Active Colony Stimulating Factor 2; Granulocyte Macrophage; GM-CSF active protein (eukaryotic; 293F Cell); Mouse; CSF2; GMCSF; Sargramostim; Molgramostin; Granulocyte-Macrophage Colony Stimulating Factor; GM-CSF active protein

PRODUCT SPECIFICATIONS

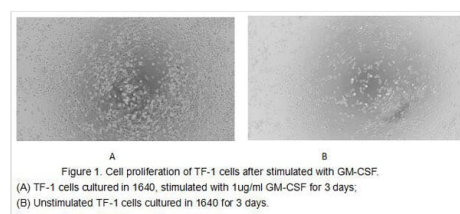
Host	293F Cell
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Pro19~Lys141
Applicable Applications for GM-CSF active protein	Activity Assay, Cell Culture
Expression System	Eukaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.9
Research Area	Cytokine
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



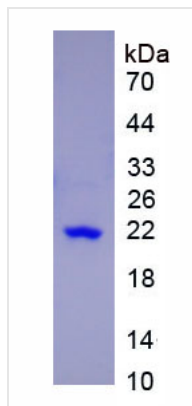
Bioactivity

Figure 2. Cell proliferation of TF-1 cells after stimulated with GM-CSF.



Bioactivity

Granulocyte-macrophage colony-stimulating factor (GM-CSF), also known as colony-stimulating factor 2 (CSF2), is a monomeric glycoprotein that functions as a cytokine — it is a white blood cell growth factor. GM-CSF also has some effects on mature cells of



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GM-CSF active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110625658
NCBI GeneID	12981
NCBI Accession #	NP_034099.2
NCBI GenBank Nucleotide #	NM_009969.4
UniProt Accession #	P01587
Molecular Weight	16,091 Da
NCBI Official Full Name	granulocyte-macrophage colony-stimulating factor
NCBI Official Synonym Full Names	colony stimulating factor 2 (granulocyte-macrophage)
NCBI Official Symbol	Csf2
NCBI Official Synonym Symbols	Csfgm; GMCSF; Gm-CSf; MGI-IGM
NCBI Protein Information	granulocyte-macrophage colony-stimulating factor; CSF; granulocyte-macrophage colony stimulating factor 2; put. GM-CSF
UniProt Protein Name	Granulocyte-macrophage colony-stimulating factor
UniProt Gene Name	Csf2
UniProt Synonym Gene Names	Csfgm; GM-CSF; CSF
UniProt Entry Name	CSF2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/293f-active-protein/colony-stimulating-factor-2-granulocyte-macrophage-gm-csf/152960>