

Colony Stimulating Factor 1, Macrophage (MCSF) Protein | MCSF protein

Eukaryotic Colony Stimulating Factor 1, Macrophage (MCSF)

CATALOG # AAA150977	HOST 293F Cell	APPLICATIONS Western Blot, SDS-Page
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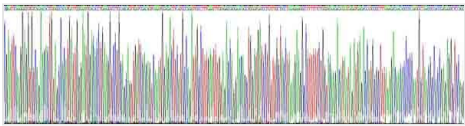
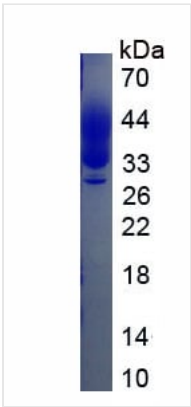
PRODUCT SYNONYMS

Colony Stimulating Factor 1; Macrophage (MCSF); Eukaryotic Colony Stimulating Factor 1; MCSF/Colony Stimulating Factor 1; Macrophage; CSF1; M-CSF; Lanimostim; Processed macrophage colony-stimulating factor 1; MCSF protein

PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Lys33~Glu2 62
Applicable Applications for MCSF protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	N-terminal His Tag
Expression System	Eukaryotic expression
Organism Species	Mouse
Isoelectric Point	4.9
Subcellular Location	Membrane
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
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. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for MCSF protein	Cytokine; Infection immunity; Eukaryotic recombinant
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166064046
NCBI GeneID	12977
NCBI Accession #	NP_001107001.1
NCBI GenBank Nucleotide #	NM_001113529.1
UniProt Accession #	P07141; Q3U395; Q8R3C8
Molecular Weight	29,353 Da
NCBI Official Full Name	macrophage colony-stimulating factor 1 isoform 2
NCBI Official Synonym Full Names	colony stimulating factor 1 (macrophage)
NCBI Official Symbol	Csf1
NCBI Official Synonym Symbols	op; Csfm; MCSF; C87615
NCBI Protein Information	macrophage colony-stimulating factor 1; osteopetrosis
UniProt Protein Name	Macrophage colony-stimulating factor 1
UniProt Gene Name	Csf1
UniProt Synonym Gene Names	Csfm; CSF-1; MCSF
UniProt Entry Name	CSF1_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://stage.aaabiotech.com/293f-cell-protein/colony-stimulating-factor-1-macrophage-mcsf/150977>