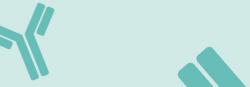
# antibodies -online.com





# Datasheet for ABIN7321260

## M-CSF/CSF1 Protein





## Overview

Quantity:	50 μg
Target:	M-CSF/CSF1 (CSF1)
Origin:	Rat
Source:	Human Cells
Protein Type:	Recombinant

#### **Product Details**

Purpose:	Recombinant Rat M-CSF/CSF1 Protein
Sequence:	Gln33-Arg254
Characteristics:	Recombinant Rat Macrophage colony-stimulating factor 1 is produced by our Mammalian expression system and the target gene encoding Gln33-Arg254 is expressed.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	<1.0 EU per µg as determined by LAL test.

## Target Details

Target:	M-CSF/CSF1 (CSF1)
Alternative Name:	M-CSF/CSF1 (CSF1 Products)
Background:	Background: Rat Macrophage colony-stimulating factor 1(MCSF,CSF1) is a single-pass type I membrane cytokine. It is a hematopoietic growth factor that plays an essential role in the regulation of survival, proliferation and differentiation of hematopoietic precursor cells, especially mononuclear phagocytes, such as macrophages and monocytes. MCSF promotes

the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. It is involved in the regulation of osteoclast proliferation and differentiation, the regulation of bone resorption, and is required for normal bone development which for normal male and female fertility. It promotes reorganization of the actin cytoskeleton, regulates formation of membrane ruffles, cell adhesion and cell migration. MCSF also plays a role in lipoprotein clearance.

Synonym: Macrophage colony-stimulating factor 1, CSF-1, M-CSF, MCSF, CSF1

Molecular Weight: 25.2 kDa

UniProt: 08JZ00

Pathways: RTK Signaling

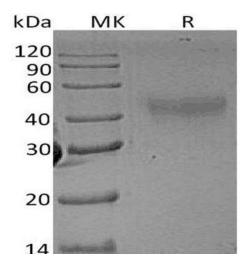
## **Application Details**

Restrictions: For Research Use only

#### Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.  Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted

samples are stable at < -20°C for 3 months.



## **Western Blotting**

Image 1.