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## Datasheet for ABIN7320617 M-CSF/CSF1 Protein (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	M-CSF/CSF1 (CSF1)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This M-CSF/CSF1 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant Mouse M-CSF/CSF1 Protein (His Tag)
Sequence:	Lys33-Glu262
Characteristics:	Recombinant Mouse Macrophage colony-stimulating factor 1 is produced by our Mammalian expression system and the target gene encoding Lys33-Glu262 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

#### Target Details

Target:	M-CSF/CSF1 (CSF1)
Alternative Name:	M-CSF/CSF1 ( <a href="#">CSF1 Products</a> )
Background:	Background: Macrophage colony-stimulating factor 1(M-csf)is a single-pass type I membrane protein . It is a hematopoietic growth factor that is involved in the proliferation, differentiation,

## Target Details

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and survival of monocytes, macrophages, and bone marrow progenitor cells. M-CSF affects macrophages and monocytes in several ways, including stimulating increased phagocytic and chemotactic activity, and increased tumour cell cytotoxicity. The role of M-CSF is not only restricted to the monocyte/macrophage cell lineage. By interacting with its membrane receptor, M-CSF also modulates the proliferation of earlier hematopoietic progenitors and influence numerous physiological processes involved in immunology, metabolism, fertility and pregnancy.

Synonym: Macrophage colony-stimulating factor 1,CSF-1,MCSF,Csf1,Csfm

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Molecular Weight: 27.0 kDa

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UniProt: [P07141](#)

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Pathways: [RTK Signaling](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Please refer to the printed manual for detailed information.

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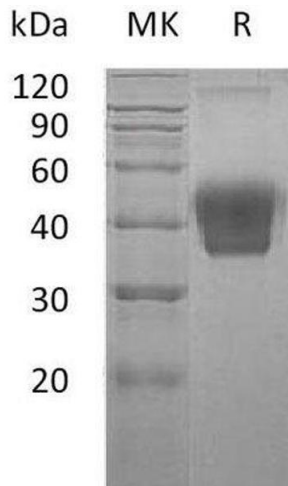
Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

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Storage: 4 °C,-20 °C,-80 °C

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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.**