

# CHAMOT

**重组小鼠巨噬细胞迁移抑制因子 /Recombinant MIF,  
Mouse, Animal-Free**

**CM059-5MP**

**CM059-20MP**

**CM059-100MP**

**CM059-500MP**

**CM059-1000MP**



**CHAMOT**

乔默®生物

*Specialize In Cytokines*

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## 重组小鼠巨噬细胞迁移抑制因子 /Recombinant MIF, Mouse, Animal-Free

产品编号	CM059-5MP	CM059-20MP	CM059-100MP	CM059-500MP	CM059-1000MP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

#### 背景描述

Macrophage Migration Inhibitory Factor (MIF) is a 12 kDa cytokine with 115 amino acid residues. When MIF binding to CD74 and CD44, downstream signaling pathway (like ERK, AKT and MAPK) will be activated and cause p53 inhibition, cancer proliferation and invasion.

#### 别称

macrophage migration inhibitory factor, GLIF, mMIF, GIF, Glycosylation-inhibiting factor, DER6

#### 蛋白编码

P34884

#### 分子量

The protein has a calculated MW of 13.31 kDa. The protein migrates as 11-17 kDa under reducing condition (SDS-PAGE analysis).

#### 表达系统

Escherichia coli

#### 纯度

>98% as determined by SDS-PAGE.

#### 生物活性

Testing in process

#### 内毒素检测

<0.1 EU per 1 µg of the protein by the LAL method.

#### 蛋白序列

MPMFIVNTNVPRASVPEGFLSELTQQLAQATGKPAQYIAVHVVPDQLMTFSGTNDPCALCSL  
HSIGKIGGAQNRNYSKLLCGLLSDRLHISPDRVYINYYDMNAANVGWNGSTFA with  
polyhistidine tag at the C-terminus.

#### 产品形式

The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. If you have any concerns or special requirements, please confirm with us.

#### 产品应用

Cell Culture

### 产品使用

1. Before opening, centrifuge at 3000 rpm for 5 mins.

## 2.Initial Reconstitution

- Reconstitute the Lyophilized Protein in sterile H<sub>2</sub>O to a concentration of 100-200 µg/mL.
- Then, incubate it at room temperature for at least 20 mins to ensure sufficient dissolution.

*Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.*

- Store at 2°C to 8°C for up to 1 week.

## 3.Extended Storage

- After the initial reconstitution, further dilute the reconstituted protein in a buffer containing a carrier protein or stabilizer (e.g., 0.1% BSA, 10% FBS, 5% HSA, or 5% trehalose solution). The final concentration is not less than 10 µg/ml.
- Prepare aliquots (≥20 µl).
- Store at -20°C or -80°C for 3 to 6 months.

*Avoid repeated freeze-thaw cycles.*

## 产品储存/运输

**Lyophilized Protein:** Store at -20°C for 1 year.

### 储存

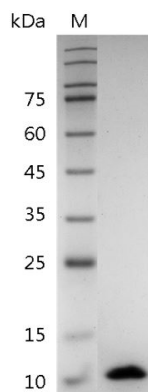
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**Extended Storage:** Store at -20°C or -80°C for 3 to 6 months with a carrier protein or stabilizer.

### 运输

Blue Ice

## 实验数据展示



SDS-PAGE analysis of recombinant mouse MIF

For Research Use or Further Manufacturing Only

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