

# CHAMOT

**重组小鼠肝癌源性生长因子 /Recombinant HDGF,  
Mouse, Animal-Free**

CM067-5MP

CM067-20MP

CM067-100MP

CM067-500MP

CM067-1000MP



CHAMOT

乔默®生物

*Specialize In Cytokines*

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## 重组小鼠肝癌源性生长因子 /Recombinant HDGF, Mouse, Animal-Free

产品编号	CM067-5MP	CM067-20MP	CM067-100MP	CM067-500MP	CM067-1000MP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

#### 背景描述

Heparin Binding Growth Factors (HDGF) is a 27.6 kDa hepatoma-derived Growth Factors with 246 amino acid residues. HDGF is mainly expressed from mitochondria and proteasome. Functionally, it is a potent mitogen, stimulating the growth of vascular smooth muscle cells, hepatoma cells and endothelial cells, acting as a transcriptional repressor. HDGF is expressed in a variety of cancers.

#### 别称

hepatoma-derived growth factor, AI118077, D3Ertd299, D3Ertd299e

#### 蛋白编码

P51859

#### 分子量

The protein has a calculated MW of 27.08 kDa. The protein migrates as 35-48 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

MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFFGTHETAFLGPKD  
LFPYEESSKEKFGKPNKRKGFSEGLWEIENNPTVKASGYQSSQKKSCAAEPEVEPEAHEGDGDK  
KGSAEGSSDEEGKLVIDEPAKEKNEKGLKRRAGDVLEDSPKRPKESGDHEEEDKEIAALEGERP  
LPVEVEKNSTPSEPDSGQGPPAEEEEGEEEAKEEAQAQGV RDHESL 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.

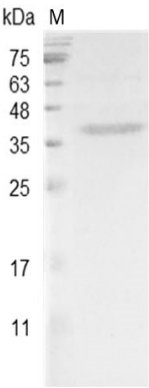
3. Extended Storage

- 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

储存	<b>Lyophilized Protein:</b> Store at -20°C for 1 year.
	<b>Initial Reconstitution:</b> Store at 2°C to 8°C for up to 1 week.
	<b>Extended Storage:</b> 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



For Research Use or Further Manufacturing Only

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