

CHAMOT

**重组人肝癌源性生长因子 /Recombinant HDGF,
Human, Animal-Free**

CM122-5HP

CM122-20HP

CM122-100HP

CM122-500HP

CM122-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

CONTENT

1 产品简介

2 产品使用

3 产品储存/运输

4 实验数据展示

重组人肝癌源性生长因子 /Recombinant HDGF, Human, Animal-Free

产品编号	CM122-5HP	CM122-20HP	CM122-100HP	CM122-500HP	CM122-1000HP
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 27.60 kDa hepatoma-derived Growth Factors with 246 amino acid residues. HDGF is 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.

别称

hepatoma-derived growth factor, HMG1L2

蛋白编码

P51858

分子量

The protein has a calculated MW of 27.60 kDa. The protein migrates as 45 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
LFPYEEKFKGKPNKRKGFSEGLWEIENNPTVKASGYQSSQKKSCVEEPEPEPEAAEGDGDKK
GNAEGSSDEEGKLVIDEPAKEKNEKGALKRRAGDLLEDSPKRPKAENPEGEEKEAATLEVERPL
PMEVEKNSTPSEPGSGRGPPQEEEEEEDEEEEATKEDAEAPGIRDHESL 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 H₂O 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

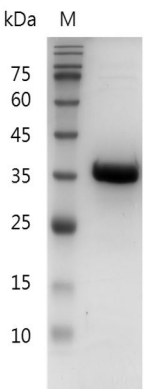
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



For Research Use or Further Manufacturing Only

Chamot Biotechnology(Shanghai) Co., Ltd. www.chamot-bio.com

Tel: 021-51880030 Mail: info@chamot-bio.com QQ: 864920491