

# CHAMOT

重组人神经轴突生长促进因子2 /Recombinant  
Midkine, Human, Animal-Free

CM139-5HP



CM139-20HP



CM139-100HP



CM139-500HP



CM139-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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实验数据展示

## 重组人神经轴突生长促进因子2 /Recombinant Midkine, Human, Animal-Free

产品编号	CM139-5HP	CM139-20HP	CM139-100HP	CM139-500HP	CM139-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

#### 背景描述

Midkine, also known as neurite growth-promoting factor 2 (NEGF2) is a member of a small family of secreted Growth Factorss, furthermore high expression in lymph node, endometrium, spleen, and colon. Midkine is a 13.5 kDa protein containing 143 amino acids, which promotes angiogenesis, cell growth, migration, and gene expression of different cell types probably via a multiprotein receptor complex consisting of several molecules.

#### 别称

MK, NEGF-2, ARAP

#### 蛋白编码

P21741

#### 分子量

The protein has a calculated MW of 14.36 kDa. The protein migrates as 18 kDa under reducing condition (SDS-PAGE analysis).

#### 表达系统

Escherichia coli

#### 纯度

>95% as determined by SDS-PAGE and SEC-HPLC.

#### 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

MVAKKKDKVKKGPGSECAEWAWGPCTPSSKDCGVGFREGTCGAQTQRIRCRVPCNWKKEFGADCKYKFENWGACDGGTGTVRQGTLKKARYNAQCQETIRVTKPCTPKAKAKAKKGKGKD with polyhistidine tag at the C-terminus.

#### 产品形式

The protein was lyophilized from a 0.2 µm filtered solution containing 20 mM sodium citrate, 0.2 M NaCl, pH 3.5. 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 ( $\geq 20 \mu\text{l}$ ).
- 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

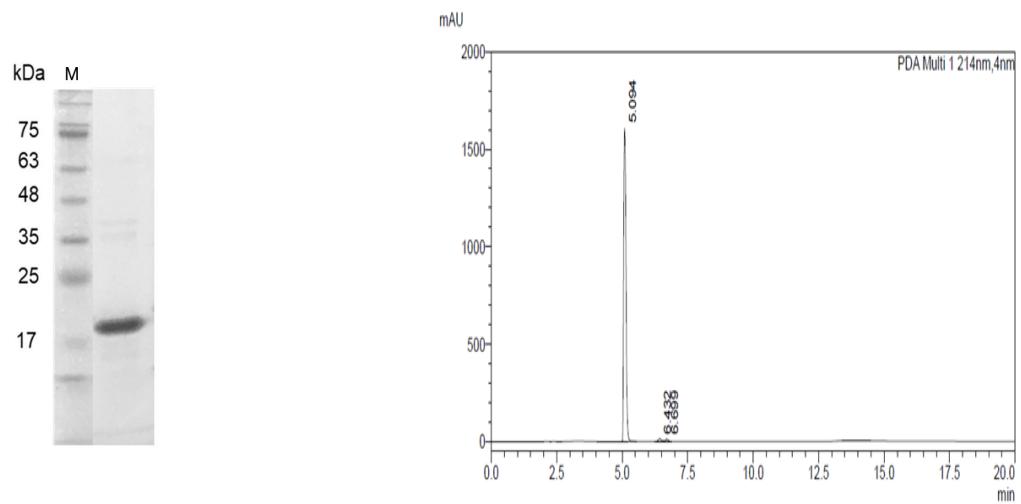
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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 human  
Midkine

The purity of recombinant human Midkine is greater than 95% as  
determined by SEC-HPLC.

For Research Use or Further Manufacturing Only

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