

# CHAMOT

**重组小鼠Noggin /Recombinant Noggin, Mouse,  
AF, HEK293**

CM099-5MP

CM099-20MP

CM099-100MP

CM099-500MP

CM099-1000MP



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

## 重组小鼠Noggin /Recombinant Noggin, Mouse, AF, HEK293

产品编号	CM099-5MP	CM099-20MP	CM099-100MP	CM099-500MP	CM099-1000MP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

#### 背景描述

Noggin binds members of the transforming Growth Factors-beta (TGF beta) superfamily signaling proteins, such as bone morphogenetic protein-4 (BMP-4), which inactivates their activities. As a extracellular antagonist of BMP proteins, Noggin involves in the development of many body tissues, including nerve tissue, muscles, and bones. In addition, Noggin is able to inhibit chondrocyte differentiation through its interaction with GDF5.

#### 别称

Nog

#### 蛋白编码

P97466

#### 分子量

The protein has a calculated MW of 49.14 kDa. The protein migrates as 50 kDa under reducing condition (SDS-PAGE analysis).

#### 表达系统

HEK293 cell

#### 纯度

>95% 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

A DNA sequence encoding Mouse Noggin(#P97466) (Met1-Cys232) was expressed with Human IgG1 Fc 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

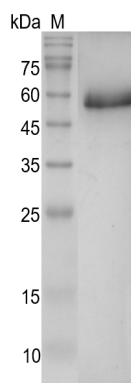
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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 Noggin

For Research Use or Further Manufacturing Only

Chamot Biotechnology(Shanghai) Co., Ltd. [www.chamot-bio.com](http://www.chamot-bio.com)

Tel: 021-51880030 Mail: [info@chamot-bio.com](mailto:info@chamot-bio.com) QQ: 864920491