

CHAMOT

**重组小鼠神经轴突生长促进因子2 /Recombinant
Midkine, Mouse, Animal-Free**

CM084-5MP

CM084-20MP

CM084-100MP

CM084-500MP

CM084-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组小鼠神经轴突生长促进因子2 /Recombinant Midkine, Mouse, Animal-Free

产品编号	CM084-5MP	CM084-20MP	CM084-100MP	CM084-500MP	CM084-1000MP
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 Factors, furthermore high expression in embryo, and limb E14.5. Mouse midkine shares 87% sequence identity with human midkine. Midkine is a 13.5 kDa protein containing 140 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, Mek

蛋白编码

P12025

分子量

The protein has a calculated MW of 14.02 kDa. The protein migrates about 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

MKKKKEKVKKGSECSEWTWGPCTPSSKDCGMGFREGTCGAQTQRVHCKVPCNWKKEFGADC KYKFESWGACDGSTGTKARQGTLKKARYNAQCQETIRVTKPCTSKTKSKTKAKKGKGKD 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

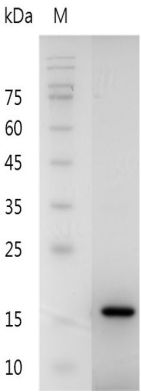
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

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