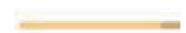


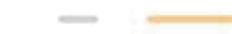
CHAMOT

重组人成纤维细胞生长因子-18 /Recombinant FGF-18, Human, Animal-Free

CM107-5HP



CM107-20HP



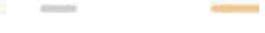
CM107-100HP



CM107-500HP



CM107-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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实验数据展示

重组人成纤维细胞生长因子-18 /Recombinant FGF-18, Human, Animal-Free

产品编号	CM107-5HP	CM107-20HP	CM107-100HP	CM107-500HP	CM107-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述	Fibroblast Growth Factors-18 (FGF-18) is a 24 kDa member of the fibroblast Growth Factors with 207 amino acid residues. FGF-18 is mainly expressed from glandular and luminal cells, cardiomyocytes, breast myoepithelial cells and endometrial ciliated cells. FGF-18 involved cell proliferation, cell differentiation and cell migration. FGF-18 is an important role in skeletal growth and development, stimulates hepatic and intestinal proliferation.
别称	fibroblast growth factor 18, FGFI, zFGF5, FGF18
蛋白编码	O76093
分子量	The protein has a calculated MW of 21.11 kDa. The protein migrates as 20 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	Measure by its ability to induce 3T3 cells proliferation. The ED ₅₀ for this effect is 1.3-2.0 ng/mL. The specific activity of recombinant human FGF-18 is > 5 x 10 ⁵ IU/mg.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	MAEENVDFRIHVENVQTRARDDVSRKQLRLYQLYSRTSGKHIQLGRRISARGEDGDKYAQLLV ETDTFGSQVRIKGKETEFYLCMNRKGKLVGKPDGTSKECVFIEKVLENNYTALMSAKYSGWYV GFTKKGRPRKGPKTRENQQDVHFMKRYPKGQPELKPKFYTTVTKRSR 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 8.0. 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 ($\geq 20 \mu\text{l}$).
- 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

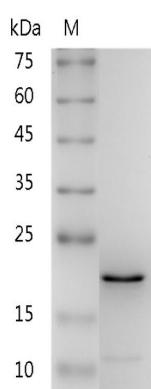
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



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