

# CHAMOT

**重组人成纤维细胞生长因子-22 /Recombinant FGF-22, Human, Animal-Free**

CM111-5HP

CM111-20HP

CM111-100HP

CM111-500HP

CM111-1000HP



CHAMOT

乔默®生物

*Specialize In Cytokines*

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## 重组人成纤维细胞生长因子-22 /Recombinant FGF-22, Human, Animal-Free

产品编号	CM111-5HP	CM111-20HP	CM111-100HP	CM111-500HP	CM111-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

**背景描述** Fibroblast Growth Factors-22 (FGF-22) is a 22.3 kDa member of the fibroblast Growth Factors with 209 amino acid residues. FGF-22 is expressed from brain, skin, horizontal cells, bipolar cells, rod photoreceptor cells, muller glia cells. Involving fasting response, glucose homeostasis, lipolysis, lipogenesis and hair development.

**别称** fibroblast growth factor 22, UNQ2500/PRO5800, FGF22

**蛋白编码** Q9HCT0

**分子量** The protein has a calculated MW of 29.35 kDa. The protein migrates as 36 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<sub>50</sub> for this effect is <2 ng/mL.

**内毒素检测** <0.1 EU per 1 µg of the protein by the LAL method.

**蛋白序列** TPSASRGPRSYPHLEGDVRWRRLFSSTHFFLRVDPGGRVQGTRWRHGGQDSILEIRSVHVGVV  
VIKAVSSGFYVAMNRRGRLYGSRLYTDCRFERIEENGHNTYASQRWRRRGQPMFLALDRR  
GGPRPGGRTRRYHLSAHFLPVLVS with polyhistidine tag and SUMO tag at the N-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 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

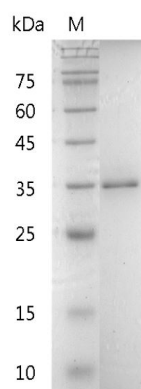
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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 human FGF-22

For Research Use or Further Manufacturing Only

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