

# CHAMOT

**重组人白细胞介素36受体拮抗剂 /Recombinant IL-36RA, Human, Animal-Free**

CM043-5HP

CM043-20HP

CM043-100HP

CM043-500HP

CM043-1000HP



CHAMOT

乔默®生物

*Specialize In Cytokines*

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## 重组人白细胞介素36受体拮抗剂 /Recombinant IL-36RA, Human, Animal-Free

产品编号	CM043-5HP	CM043-20HP	CM043-100HP	CM043-500HP	CM043-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

背景描述	Interleukin 36 receptor antagonist (IL-36RA) is a 16.97 kDa member of IL-1 family with 155 amino acid residues. IL-1RA is expressed by lymphoid tissue, skin and secreted to blood. IL-36Ra functions as a receptor antagonist that inhibits the activation of IL-36R signaling and suppresses pro-inflammatory signaling.
别称	interleukin 36 receptor antagonist, FIL1 delta, IL-1F5, IL-1HY1, IL-1L1, IL-1RP3, IL-1ra Homolog 1, IL-1 delta, IL36RA
蛋白编码	Q9UBH0
分子量	The protein has a calculated MW of 17.77 kDa. The protein migrates as 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	Measure by its ability to inhibit IL-36 gamma-induced IL-8 secretion in PBMC cells. The ED <sub>50</sub> for this effect is <2 ng/mL in the presence of 500 ng/mL of recombinant human IL-36 gamma.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	MVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEEISVVPNRWLDASLSPVILGVQG GSQCLSCGVGQEPTLTLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGWFLCTVPEA DQPVRLTQLPENGGWNAPITDFYFQQCD 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 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

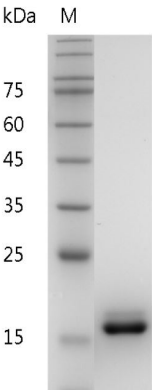
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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



For Research Use or Further Manufacturing Only

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