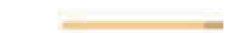


# CHAMOT

重组人晚期糖基化终末产物受体 /Recombinant RAGE,  
Human, Animal-Free

CM146-5HP



CM146-20HP



CM146-100HP



CM146-500HP



CM146-1000HP



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

## 重组人晚期糖基化终末产物受体 /Recombinant RAGE, Human, Animal-Free

产品编号	CM146-5HP	CM146-20HP	CM146-100HP	CM146-500HP	CM146-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

<b>背景描述</b>	Receptor for advanced glycation endproducts (RAGE) is a 35 kDa transmembrane receptor of the immunoglobulin super family. The mature RAGE has three main parts, consisting of extracellular, transmembrane, and cytosolic regions. A central mechanism by which ligand-RAGE interaction mediates cell stress and upregulates inflammatory pathways is via activation of signal transduction pathways.
<b>别称</b>	receptor for advanced glycation endproducts, advanced glycosylation end-product specific receptor, AGER, SCARJ1
<b>蛋白编码</b>	Q15109
<b>分子量</b>	The protein has a calculated MW of 30.94 kDa. The protein migrates as 40 kDa under reducing condition (SDS-PAGE analysis).
<b>表达系统</b>	Escherichia coli
<b>纯度</b>	>98% as determined by SDS-PAGE.
<b>生物活性</b>	Testing in process
<b>内毒素检测</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>蛋白序列</b>	MAQNITARIGEPLVLKCKGAPKKPPQRLEWKLNTGRTEAWKVLSHQGGPWDSVARVLPNG SLFLPAVGIQDEGIFRCQAMNRNGKETKSNYRVRYQIPGKPEIVDSASELTAGVPKVGTCSV EGSYPAGTLSWHLGKPLVPNEKGVSVKEQTRRHPEGLFTLQSELMVTPARGGDPRTFSCSF SPGLPRHRALRTAPIQPRVWEPVPLEVQLVVEPEGGAVAPGGTVTLTCEVPAQPSQIHWMK DGVPLPLPPSPVVLPEIGPQDQGTYS with polyhistidine tag at the C-terminus.
<b>产品形式</b>	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.
<b>产品应用</b>	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 ( $\geq 20 \mu\text{l}$ ).
- 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

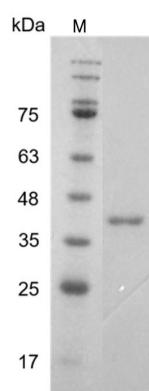
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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](http://www.chamot-bio.com)

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