

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

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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

背景描述 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.

别称 receptor for advanced glycation endproducts, advanced glycosylation end-product specific receptor, AGER, SCARJ1

蛋白编码 Q15109

分子量 The protein has a calculated MW of 30.94 kDa. The protein migrates as 40 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 MAQNITARIGEPLVLKCKGAPKKPPQRLEWKLNTGRTEAWKVLSPQGGGPWDSVARVLPNG SLFLPAVGIIQDEGIFRCQAMNRRNGKETKSNYRVRVYQIPGKPEIVDSASELTAGVPNKVGTCSF EGSYPAGTLSWHLDGKPLVPNEKGVSVKEQTRRHPETGLFTLQSELMVTPARGGDPRPTFSCSF SPGLPRHRALRTAPIQPRVWEPVPLEEVQLVVEPEGGAVAPGGTVTLTCEVPAQPSPQIHWMK DGVPLPLPPSPVLILPEIGPQDQGTYS 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 (≥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

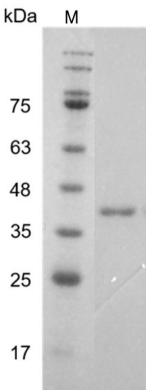
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

Chamot Biotechnology(Shanghai) Co., Ltd. www.chamot-bio.com

Tel: 021-51880030 Mail: info@chamot-bio.com QQ: 864920491