# **CHAMOT**

### 重组小鼠OX40配体 /Recombinant OX40L,Mouse, Animal-Free

CM044-5MP

CM044-20MP

CM044-100MP

CM044-500MP

CM044-1000MP





# トスツと

1 产品简介

2 产品使用

3 产品储存/运输

4 实验数据展示



### **Product Datasheet**

## 重组小鼠OX40配体 /Recombinant OX40L,Mouse,Animal-Free

产品编号	CM044-5MP	CM044-20MP	CM044-100MP	CM044-500MP	CM044- 1000MP
规格	5 μg	20 μg	100 μg	500 μg	1 mg

ᇴ	E	=	<u> 4-4</u>	5	人	
	П	П	НΞ	עוו	11	

背景描述	OX40L is a 16.86 kDa tumor necrosis factor family protein with 150 amino acid residues. OX40L is mainly expressed from lymphoid tissue, and promotes T-cell proliferation, survival, activation and cytokine production through receptor binding on the surface of T cells (OX40).
别称	TNFSF4,Ath, Ath-, Ath-1, Ath1, CD134, CD134L, OX-40L, OX4, TXGP1, Tnlg2b, Txgp, Txgp1l, gp3, gp34
蛋白编码	P43488
分子量	The protein has a calculated MW of 17.68 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
表达系统	Escherichia coli
纯度	>95% as determined by SDS-PAGE.
生物活性	Measure by its ability to induce IL-2 secretion in mouse T cells in the presence of the anti-CD3 antibody. The ED $_{50}$ for this effect is <25 ng/mL.
内毒素检测	$<$ 0.1 EU per 1 $\mu$ g of the protein by the LAL method.
蛋白序列	QLSSSPAKDPPIQRLRGAVTRCEDGQLFISSYKNEYQTMEVQNNSVVIKCDGLYIIYLKGSFFQE VKIDLHFREDHNPISIPMLNDGRRIVFTVVASLAFKDKVYLTVNAPDTLCEHLQINDGELIVVQL TPGYCAPEGSYHSTVNQVPL with polyhistidine tag at the N-terminus.
产品形式	The protein was lyophilized from a 0.2 $\mu m$ 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  $10~\mu g/ml$ .
- 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

储存

Lyophilized Protein: Store at -20°C for 1 year.

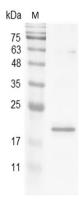
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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