

CHAMOT

重组小鼠CD27配体 /Recombinant CD27L, Mouse, Animal-Free

CM089-5MP



CM089-20MP



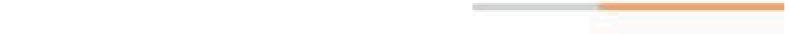
CM089-100MP



CM089-500MP



CM089-1000MP



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

重组小鼠CD27配体 /Recombinant CD27L, Mouse, Animal-Free

产品编号	CM089-5MP	CM089-20MP	CM089-100MP	CM089-500MP	CM089-1000MP
规格	5 μg	20 μg	100 μg	500 μg	1 mg

产品简介

背景描述

CD27L is also named for CD70 which is one member of TNF family. CD27L is expressed on T and B lymphocytes and mature DCs. It binds the CD27, which is on the antigen-presenting cells. CD27L is a 19.2 kDa cytokine with 148 amino acid residues which is a transmembrane glycoprotein. CD27L plays an important role in the regulation of T cell proliferation which is also a good target of cancer immunotherapy.

别称

CD27 ligand, soluble CD27 Ligand, sCD27 Ligand, TNFSF7, CD70, Tnfs, Tnlg8a

蛋白编码

O55237

分子量

The protein has a calculated MW of 17.25 kDa. The protein migrates as 17-25 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 proliferation in mouse T cells in the presence of the anti-CD3 antibody. The ED₅₀ for this effect is <4.5 μg/mL.

内毒素检测

<0.1 EU per 1 μg of the protein by the LAL method.

蛋白序列

QQQRLLEHPEPHTAELQLNLTVPRKDPTLRWGAGPALGRSFTHGPELEEGHLRIHQDGLYRLHI
QVTLANCSSPGSTLQHRATLAVGICSPAAHGISLLRGFRGQDCTVALQRLTYLVHGDVLCTNLT
LPLLPSRNADETFFGVQWICP with polyhistidine tag at the N-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 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 ($\geq 20 \mu\text{l}$).
- 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

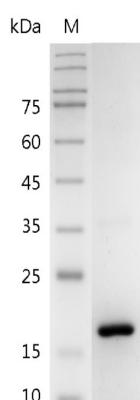
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

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