

CHAMOT

**重组人CD27配体 /Recombinant CD27L, Human,
Animal-Free**

CM051-5HP

CM051-20HP

CM051-100HP

CM051-500HP

CM051-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组人CD27配体 /Recombinant CD27L, Human, Animal-Free

产品编号	CM051-5HP	CM051-20HP	CM051-100HP	CM051-500HP	CM051-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述

Human CD27L is also named for CD70 which is one member of TNF family. Human CD27L is expressed on T and B lymphocytes and mature DCs. It binds the CD27, which is on the antigen-presenting cells. Human CD27L is a 23 kDa cytokine with 154 amino acid residues which is a transmembrane glycoprotein. Human 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

蛋白编码

P32970

分子量

The protein has a calculated MW of 18.08 kDa. The protein migrates as 18 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 IL-8 secretion in human PBMCs. The ED₅₀ for this effect is <0.6 ng/mL.

内毒素检测

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

蛋白序列

QRFAQAQQQLPLESLGWDVAELQLNHTGPQQDPRLYWQGGPALGRSFLHGPELDKGQLRIH
RDGIYMVHIQVTLAICSSTTASRHHPTTLAVGICSPASRSISLLRSLFHQGCTIASQRLTPLARGD
TLCTNLTGTLPSRNTDETFQVQWVRP with polyhistidine tag at the N-terminus

产品形式

The protein was lyophilized from a 0.2 µm filtered solution containing containing 0.05% sarkosyl, in 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

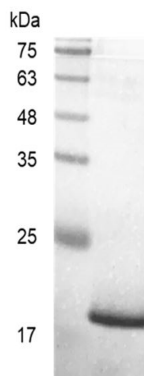
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

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