

CHAMOT

**重组人CD30配体 /Recombinant CD30L, Human,
Animal-Free**

CM052-5HP

CM052-20HP

CM052-100HP

CM052-500HP

CM052-1000HP



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CD30配体 /Recombinant CD30L, Human, Animal-Free

产品编号	CM052-5HP	CM052-20HP	CM052-100HP	CM052-500HP	CM052-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述

Human CD30L is also named for CD153 and TNFSF8 which is one member of TNF family. Human CD30L is expressed on T cells. It binds the CD30, which is on some lymphoma cell lines. Human CD30L is a 30 kDa cytokine with 171 amino acid residues which is a transmembrane glycoprotein. Human CD30L plays an important role in the regulation of cell proliferation, activation and apoptosis. Human CD30L is a good target of cell therapy in inflammatory diseases.

别称

CD30 ligand, soluble CD30 Ligand, TNFSF8, CD153, sCD30 Ligand

蛋白编码

P32971

分子量

The protein has a calculated MW of 20.57 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 using a concentration range of 10 - 100 ng/mL. Note: Results may vary from different PBMC donors.

内毒素检测

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

蛋白序列

MQRTDSIPNSPDNVPLKGGNCSEDLLCILKRAPFKKSWAYLQVAKHLNKTCLSWNKDGILHG
VRYQDGNLVIQFPGLYFIICQLQFLVQCPNNSVDLKLELLINKHIKKQALVTVCESGMQTKHVV
QNLSQFLLDYLVNTTISVNVDTFQYIDTSTFPLENVLSIFLYSNSD 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 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

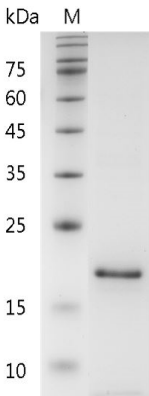
- After the initial reconstitution, further dilute the reconstituted protein in a buffer containing a carrier protein or stabilizer (e.g., 0.1% BSA, 10% FBS, 5% HSA, or 5% trehalose solution). The final concentration is not less than 10 µg/ml.
- Prepare aliquots (≥20 µl).
- Store at -20°C or -80°C for 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