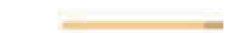


# CHAMOT

重组人CD40配体 /Recombinant CD40L, Human, Animal-Free

CM053-5HP



CM053-20HP



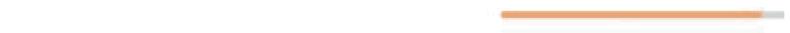
CM053-100HP



CM053-500HP



CM053-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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实验数据展示

## 重组人CD40配体 /Recombinant CD40L, Human, Animal-Free

产品编号	CM053-5HP	CM053-20HP	CM053-100HP	CM053-500HP	CM053-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

### 产品简介

**背景描述** Human CD40L (CD154) is one member of TNF family which is expressed on T cells. It binds the CD40, which is on the antigen-presenting cells (ex: B cells, macrophages and monocytes) Human CD40L is a 21.6 kDa cytokine with 103 amino acid residues which is a transmembrane glycoprotein. Human CD40L plays an important role in the adaptive immune system which induces the B cell maturation and activation.

**别称** CD40 ligand, soluble CD40 Ligand, TNFSF5, TRAP, CD154, Gp39, T-BAM, sCD40 Ligand

**蛋白编码** P29965

**分子量** The protein has a calculated MW of 16.99 kDa. The protein migrates as 16 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-8 secretion in human PBMCs. The ED<sub>50</sub> for this effect is <5 ng/mL.

**内毒素检测** <0.1 EU per 1 µg of the protein by the LAL method.

**蛋白序列** MQKGDQNPQIAAHVISEASSKTTSVLQWAEGYYTMSNNLVTLENGKQLTVKRQGLYYIYAQ  
VTFCNSNREASSQAPFIASLCLKSPGRFERILLRAANTHSSAKPCGQQSIHLGGVFELQPGASVFV  
NVTDPSQVSHGTGFTSFGLLKL 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 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 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

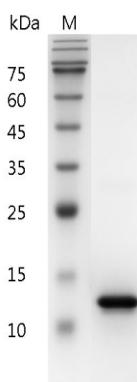
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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

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