

# CHAMOT

**重组人Fas配体 /Recombinant FasL, Human,  
Animal-Free**

CM056-5HP

CM056-20HP

CM056-100HP

CM056-500HP

CM056-1000HP



CHAMOT

乔默®生物

*Specialize In Cytokines*

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## 重组人Fas配体 /Recombinant FasL, Human, Animal-Free

|      |           |            |             |             |              |
|------|-----------|------------|-------------|-------------|--------------|
| 产品编号 | CM056-5HP | CM056-20HP | CM056-100HP | CM056-500HP | CM056-1000HP |
| 规格   | 5 µg      | 20 µg      | 100 µg      | 500 µg      | 1 mg         |

### 产品简介

|       |                                                                                                                                                                                                                                                                                                                                                          |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 背景描述  | Fas Ligand (FasL) is a 17.34 kDa tumor necrosis factor with 152 amino acid residues. FasL is expressed from lymphoid tissue and secreted to blood. Binding to its receptor, TNFRSF6/FAS, leads to induce apoptotic signal into cells. Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development. |
| 别称    | fas ligand, soluble Fas Ligand (sFasL), TNFSF6, CD95L, Apo I Ligand, APTL, APT1LG1, CD178                                                                                                                                                                                                                                                                |
| 蛋白编码  | P48023                                                                                                                                                                                                                                                                                                                                                   |
| 分子量   | The protein has a calculated MW of 29.51 kDa. The protein migrates as 30-35 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 apoptosis in Jurkat cells. The ED <sub>50</sub> for this effect is <1 ng/mL. The specific activity of recombinant human FasL is > 1 x 10 <sup>6</sup> IU/mg.                                                                                                                                                            |
| 内毒素检测 | <0.1 EU per 1 µg of the protein by the LAL method.                                                                                                                                                                                                                                                                                                       |
| 蛋白序列  | QIGHPSPPPEKKELRKVAHLTGKSNSRSMPLWEDTYGIVLLSGVKYKKGGGLVINETGLYFVYSK VYFRGQSCNNLPLSHKVYMRNSKYPQDLVMMEGKMMSYCTTGQMWARSSYLGA VFNLTS ADHLYVNVSELSLVNFEESQTFFGLYKL with polyhistidine tag and sumo tag at the N-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 (≥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

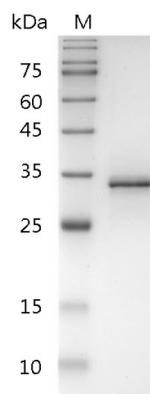
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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



SDS-PAGE analysis of recombinant human FasL

For Research Use or Further Manufacturing Only

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