

# CHAMOT

**重组人TNF样配体1A /Recombinant TL1A, Human,  
Animal-Free**

CM061-5HP

CM061-20HP

CM061-100HP

CM061-500HP

CM061-1000HP



CHAMOT

乔默®生物

*Specialize In Cytokines*



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## 重组人TNF样配体1A /Recombinant TL1A, Human, Animal-Free

|      |           |            |             |             |              |
|------|-----------|------------|-------------|-------------|--------------|
| 产品编号 | CM061-5HP | CM061-20HP | CM061-100HP | CM061-500HP | CM061-1000HP |
| 规格   | 5 µg      | 20 µg      | 100 µg      | 500 µg      | 1 mg         |

### 产品简介

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 背景描述  | TL1A also known as VEGI and TNFSF15, which belongs to TNF ligand superfamily. TL1A is a 28 kDa type II membrane protein containing 251 residues that predominantly expressed in endothelial cells. TL1A is able to promote NFκB activation in cells by interacting with DR3. Besides, TL1A can also induces cell apoptosis through activating caspases. Additionally, the responsiveness of IL-2 from activated T cells has been shown to induce by TL1A treatment. |
| 别称    | TNF-like ligand 1A, TNFSF15, VEGI                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 蛋白编码  | O95150                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 分子量   | The protein has a calculated MW of 22.95 kDa. The protein migrates as 24 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 TF-1 cells proliferation. The ED <sub>50</sub> for this effect is <0.2 ng/mL.                                                                                                                                                                                                                                                                                                                                                      |
| 内毒素检测 | <0.1 EU per 1 µg of the protein by the LAL method.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 蛋白序列  | MQLRAQGGEACVQFQALKGQEFAPSHQQVYAPLRADGDKPRAHLTVVRQTPTQHFKNQFPA<br>LHWEHELGLAFTKNRMNYTNKFLIPESGDYFIYSQVTFRGMTSECSEIRQAGRPNKPDSITVV<br>ITKVTDSYPTQQLMGTKSVCEVGSNWFQPIYLGAMFSLQEGDKLMVNVSDISLVDYTKEDK<br>TFFGAFL 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 (≥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

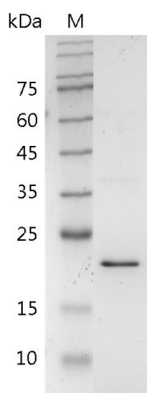
**Initial Reconstitution:** Store at 2°C to 8°C for up to 1 week.

**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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