

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 ₅₀ for this effect is <1 ng/mL. The specific activity of recombinant human FasL is > 1 x 10 ⁶ 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 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

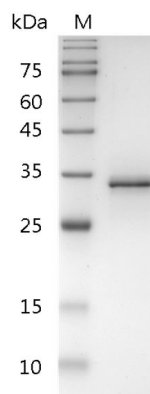
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



SDS-PAGE analysis of recombinant human FasL

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