

CHAMOT

**重组小鼠Fas配体 /Recombinant FasL, Mouse,
Animal-Free**

CM042-5MP

CM042-20MP

CM042-100MP

CM042-500MP

CM042-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines



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重组小鼠Fas配体 /Recombinant FasL, Mouse, Animal-Free

产品编号	CM042-5MP	CM042-20MP	CM042-100MP	CM042-500MP	CM042-1000MP
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 mainly 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, Fas-Lg, Tnfs, Tnlg1a, gld
蛋白编码	P41047
分子量	The protein has a calculated MW of 18.27 kDa. The protein migrates as 17-25 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 µg /mL.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	QIANPSTPSEKKEPRSV AHLTG NPHSR SIPLEWEDTYGTALISGVKYKKGGLVINETGLYFVYSKVYFRGQSCNNQPLNHKVYMRNSKYPEDLVLME EKRLNYCTTGQIWAHSSYLGA VFNLT SADHLVYNISQLSLINFEEKTFFGLYKL with polyhistidine 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

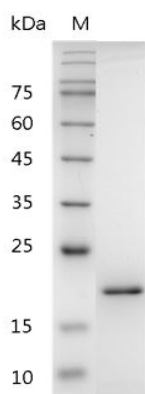
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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 mouse 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