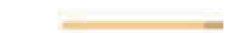


CHAMOT

重组人增殖诱导配体 /Recombinant APRIL, Human, Animal-Free

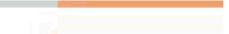
CM048-5HP



CM048-20HP



CM048-100HP



CM048-500HP



CM048-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

CONTENTS

1 产品简介

2 产品使用

3 产品储存/运输

4 实验数据展示

重组人增殖诱导配体 /Recombinant APRIL, Human, Animal-Free

产品编号	CM048-5HP	CM048-20HP	CM048-100HP	CM048-500HP	CM048-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述 APRIL is a member of tumor necrosis factor ligand superfamily that expressed by stromal tissue, macrophages, and T cells. APRIL is a 27.4 kDa protein containing 250 residues, which plays a critical role in modulating tumor progression. Besides, APRIL has been demonstrated to involve in regulating B and T cell survival, proliferation and differentiation via binding with TNFRSF13B/TACI and TNFRSF17/BCMA.

别称 A proliferation-inducing ligand, TNFSF13, CD256, TALL-2, TALL2, TNLG7B, TRDL-1, UNQ383/PRO715, ZTNF2

蛋白编码 AAQ91388

分子量 The protein has a calculated MW of 17.29 kDa. The protein migrates as 18 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 Measured by its ability to induce cell death in Jurkat cells. The ED₅₀ for this effect is <6.0 µg/mL.

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

蛋白序列 MAVLTQKQKKQHSVLHLVPINATSKDDSDVTVMWQPALRRGRGLQAQGYGVRIQDAGVYL
LYSQVLFQDVTFMGQVVSREGQGRQETLFRCIRSMPSHPDRAYNSCYSAGVFHLHQGDILS
VIIPRARAQLNLSPHGTFLGFVKL 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 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 ($\geq 20 \mu\text{l}$).
- 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

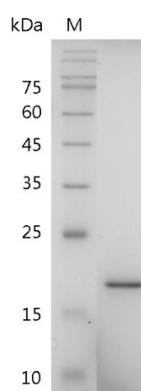
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

Chamot Biotechnology(Shanghai) Co., Ltd. www.chamot-bio.com

Tel: 021-51880030 Mail: info@chamot-bio.com QQ: 864920491