

CHAMOT

**重组人活化诱导TNFR成员配体 /Recombinant AITRL,
Human, Animal-Free**

CM049-5HP

CM049-20HP

CM049-100HP

CM049-500HP

CM049-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组人活化诱导TNFR成员配体 /Recombinant AITRL, Human, Animal-Free

产品编号	CM049-5HP	CM049-20HP	CM049-100HP	CM049-500HP	CM049-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述 AITRL also known as TNFSF18, GITRL and TL6, belonging to TNF superfamily. AITRL is a 20.3 kDa protein containing 177 residues that implicates in regulating immune systems. AITRL contributes to tumor suppression and the development of autoimmune diseases via interacting with TNFRSF18/AITR/GITR. Besides, AITRL-GITR signaling has been demonstrated to enhance phosphorylation of STAT1 and up-regulate expression of VCAM1 and ICAM1 in endothelial cells. Furthermore, AITRL can also facilitate the adhesion and transmigration of leukocytes to endothelial cells.

别称 activation-induced TNFR member ligand, TL6, GITRL, TNLG2A, hGITRL, TNFSF18

蛋白编码 Q9UNG2

分子量 The protein has a calculated MW of 15.34 kDa. The protein migrates as 11 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 IL-8 secretion in human PBMC using a concentration range of 5-200 ng /mL. Note: Result may vary from different PBMC donors.

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

蛋白序列 MQLETAKEPCMAKFGPLPSKWQMASSEPPCVNKVSDWKLEILQNGLYLIYGQVAPNANYND VAPFEVRLYKNKDMIQTLTNKSKIQNVGGTYELHVGDTIDLIFNSEHQVLKNNTYWGII LIANPQEI 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 7.4. 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

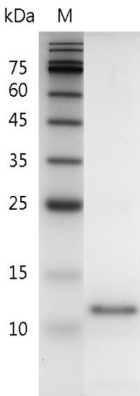
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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



For Research Use or Further Manufacturing Only

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