

CHAMOT

重组人半乳糖凝集素-9 /Recombinant Galectin-9,
Human, Animal-Free

CM154-5HP



CM154-20HP



CM154-100HP



CM154-500HP



CM154-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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实验数据展示

重组人半乳糖凝集素-9 /Recombinant Galectin-9, Human, Animal-Free

| | | | | | |
|------|-----------|------------|-------------|-------------|--------------|
| 产品编号 | CM154-5HP | CM154-20HP | CM154-100HP | CM154-500HP | CM154-1000HP |
| 规格 | 5 µg | 20 µg | 100 µg | 500 µg | 1 mg |

产品简介

背景描述

Galectin-9 (Gal-9) is a lectin family member and is one of the tandem repeat-type galectins containing two carbohydrate recognition domains (CRD) connected by a linker region in a single peptide chain. The CRD is responsible for β -galactoside binding, and several binding partners for galectin-9 have been identified, including CD44, FGL, Gcgr, GLUT- 2, IgE, IgM, PDI, and Tim-3. Galectin-9 is constitutively presented in the small intestine, liver, uterine epithelial cells, skin epidermis, and esophageal epithelium. Galectin-9 contributing to cell growth, differentiation, adhesion, communication, and death. Accumulated evidence indicates that Gal-9 blockade promotes T cell immunity against tumors, suggesting that galectin-9 is a promising target for immunotherapy.

别称

LGALS9, HUATA, LGALS9

蛋白编码

O00182

分子量

The protein has a calculated MW of 36.7 kDa. The protein migrates as 37 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 chemoattract human THP1 cells using a concentration range of 0.5-2.5 µg/mL.

内毒素检测

<0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列

AFSGSQAPYLSAVPFSGTIQGGLQDGLQITVNGTVLSSSGTRFAVNFTGSGNDIAFHFNPR
 FEDGGYVCNTRQNGSWGPEERKTHMPFQKGMPFDLCFLVQSSDFKVMVNGILFVQYFHRV
 PFHRVDTISVNGSVQLSYISFQPPGVWPANPAPITQTVIHTVQSAPGQMFSTPAIPPMYPHP
 AYPMPFITTILGGLYPSKSILLSGTVLPSAQRFHINLCGNHIAFHLNPRFDENAVVRNTQIDNS
 WGSEERSLPRKMPFVRGQSFSVWILCEAHCLKAVADGQHLFEYYHRLRNLPTINRLEVGGDIQ
 LTHVQT with polyhistidine tag at the N-terminus.

| | |
|------|---|
| 产品形式 | The protein was lyophilized from a 0.2 μ m 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 μ g/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 μ g/ml.
- Prepare aliquots (\geq 20 μ 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

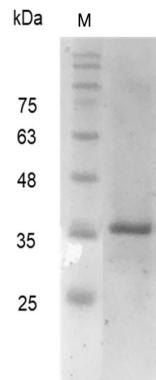
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

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