

CHAMOT

重组人白细胞介素36受体拮抗剂 /Recombinant IL-36RA, Human, Animal-Free

CM043-5HP

CM043-20HP

CM043-100HP

CM043-500HP

CM043-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

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重组人白细胞介素36受体拮抗剂 /Recombinant IL-36RA, Human, Animal-Free

产品编号	CM043-5HP	CM043-20HP	CM043-100HP	CM043-500HP	CM043-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述	Interleukin 36 receptor antagonist (IL-36RA) is a 16.97 kDa member of IL-1 family with 155 amino acid residues. IL-1RA is expressed by lymphoid tissue, skin and secreted to blood. IL-36Ra functions as a receptor antagonist that inhibits the activation of IL-36R signaling and suppresses pro-inflammatory signaling.
别称	interleukin 36 receptor antagonist, FIL1 delta, IL-1F5, IL-1HY1, IL-1L1, IL-1RP3, IL-1ra Homolog 1, IL-1 delta, IL36RA
蛋白编码	Q9UBH0
分子量	The protein has a calculated MW of 17.77 kDa. The protein migrates as 17 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 inhibit IL-36 gamma-induced IL-8 secretion in PBMC cells. The ED ₅₀ for this effect is <2 ng/mL in the presence of 500 ng/mL of recombinant human IL-36 gamma.
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	MVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEEISVVPNRWLDASLSPVILGVQG GSQCLSCGVGQEPTLTLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGWFLCTVPEA DQPVRLTQLPENGGWNAPITDFYFQQCD 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

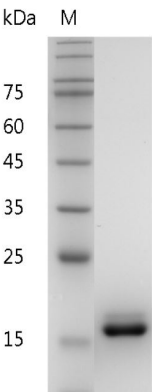
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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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