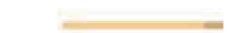


CHAMOT

重组小鼠白细胞介素36受体拮抗剂 / Recombinant IL-36RA, Mouse, Animal-Free

CM035-5MP



CM035-20MP



CM035-100MP



CM035-500MP



CM035-1000MP



CHAMOT

乔默®生物

Specialize In Cytokines

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实验数据展示

重组小鼠白细胞介素36受体拮抗剂 /Recombinant IL-36RA, Mouse, Animal-Free

产品编号	CM035-5MP	CM035-20MP	CM035-100MP	CM035-500MP	CM035-1000MP
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 17.21 kDa cytokine with 155 amino acid residues and a member of the IL-36 family. It is mainly secreted from the stomach, lungs, and kidneys. IL-36RA binds to the interleukin-36 receptor and plays a critical role in the anti-inflammatory effect by mediating MAPK and NF-κB signaling pathways. IL-36RA inhibits proinflammatory effect via suppressing production of IL-6, IL-17, and interferon-gamma and promoting production of IL-4.
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	Q9QYY1
分子量	The protein has a calculated MW of 17.81 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 inhibit IL-36 gamma-induced IL-6 secretion in 3T3 cells. The ED ₅₀ for this effect is <2 μg/mL.
内毒素检测	<0.1 EU per 1 μg of the protein by the LAL method.
蛋白序列	MVLSGALCFRMKDSALKVLYLHNNQNLLAGGLHAEKVIKGEEISVVPNRALDASLSPVILGVQGGSQCLSCGTEKGPILKLEPVNIMELYLGAKESKSFTYRRDMGLTSSFESAAYPGWFLCTSPEADQPVRLTQIPEDPAWDAPITDFYFQQCD 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 ($\geq 20 \mu\text{l}$).
- 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

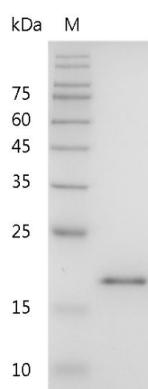
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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

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