CHAMOT

重组人核因子κ B受体活化因子配体 /Recombinant RANKL，Human，Animal-Free

CM059-5HP

CM059-20HP

CM059-100HP

CM059-500HP

CM059-1000HP

CHAMOT

乔 默® 生 物

Specialize In Cytokines

CONTENT

CHAMOT 乔默® 生物 Specialize In Cytokines

Product Datasheet

重组人核因子κ B受体活化因子配体 /Recombinant RANKL, Human，Animal-Free

产品编号	CM059-5HP	CM059-20HP	CM059-100HP	CM059-500HP	CM059-1000HP
规格	5 μg	20 μg	100 μg	500 μg	1 mg

产品简介

背景描述	Receptor activator of NF-κB (RANK) ligand (RANKL) is type II transmembrane protein with an extracellular domain at the carboxy-terminus of TNF cytokine superfamily. RANKL is a 19.8 kDa protein containing 317 residues and high express in T cells and T cell rich organs, such as thymus and lymph nodes. RANKL-RANK (RANKL receptor) plays an important role in bone metabolism, dysregulation, and immune system.
别称	receptor activator of nuclear factor kappa-B ligand, soluble Receptor Activator of NF-kB Ligand, TNFSF11, TRANCE (TNF-Related Activation-induced Cytokine), OPGL, ODF (Osteoclast Differentiation Factor), CD254,sRNAK Ligand
蛋白编码	O14788
分子量	The protein has a calculated MW of 20.67 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 induce osteoclast differentiation in RAW264.7 cells. The ED_{50} for this effect is <10 ng/mL.
内毒素检测	<0.1 EU per 1 μg of the protein by the LAL method.
蛋白序列	MEKAMVDGSWLDLAKRSKLEAQPFAHLTINATDIPSGSHKVSLSSWYHDRGWAKISNMTFS NGKLIVNQDGFYYLYANICFRHHETSGDLATEYLQLMVYVTKTSIKIPSSHTLMKGGSTKYWSG NSEFHFYSINVGGFFKLRSGEEISIEVSNPSLLDPDQDATYFGAFKVRDID 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 H_2O 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).

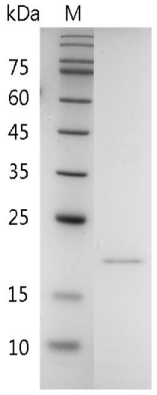
• Store at -20°C or -80°C for 3 to 6 months.

Avoid repeated freeze-thaw cycles.

产品储存/运输

储存	**Lyophilized Protein:** Store at -20°C for 1 year. **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



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