

CHAMOT

Recombinant Human RANKL

CM059-5HP
CM059-20HP
CM059-100HP
CM059-500HP
CM059-1000HP



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Recombinant Human RANKL (Receptor activator of nuclear factor kappa- B ligand)

编号:	CM059-5HP CM059-20HP CM059-100HP CM059-500HP CM059-1000HP	规格:	5 µg 20 µg 100 µg 500 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

描述: RANKL and RANK are members of the TNF superfamily of ligands and receptors that is critical for the regulation of specific immunity and bone turnover. RANK receptor was originally identified as a dendritic cell -membrane protein, which, by interacting with RANKL, augments the ability of dendritic cells. These dendritic cells then stimulate naïve T-cell proliferation in a mixed lymphocyte reaction, promote the survival of RANK+ T-cells, and regulate T-cell-dependent immune response. RANKL, which is expressed in a variety of cells, including osteoblasts, fibroblasts, activated T-cells and bone marrow stromal cells, is also capable of interacting with a decoy receptor called OPG.

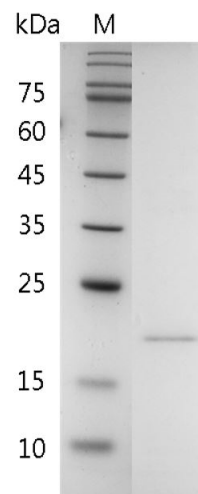
来源: *Escherichia coli*

纯度: >98% as determined by SDS-PAGE. Ni-NTA chromatography.

生物学活性: Measure by its ability to induce osteoclast differentiation in RAW264.7 cells. The ED₅₀ 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: MEKAMVDGSWLDLAKRSKLEAQPFA
HLTINATDIPSGSHKVSLSWYHDRG
WAKISNMTFSNGKLIVNQDGFYYLYA



SDS- PAGE analysis of recombinant human RANKL

NICFRHHETSGDLATEYLQLMVYVTK
 TSIKIPSSHTLMKGGSTKYWSGNSEFH
 FYSINVGGFKLRSGEEISIEVSNPSLLD
 PDQDATYFGAFKVRDID with
 polyhistidine tag at the C-terminus

产品组成

成分： 从含有 1X PBS, pH 8.0 溶液中冻干的蛋白质.

产品储存/运输

产品形式	储存温度	储存时间
冻干粉	-20°C至-80°C	自收到之日起1年
重悬液（初始）	2°C至8°C	不超过1周
重悬液（经稀释）	-20°C至-80°C	3到6个月

运输方式： 蓝冰

产品使用

- 1、开盖前，建议3000-3500rpm离心5min。
- 2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100µg/mL，不高于1mg/mL，并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液，2-8°C无菌保存不超过1周。
- 4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1%BSA、10%FBS或5%HSA）的溶液进一步稀释（不低于10ug/mL）后分装保存，-20°C至-80°C无菌保存3到6个月。无血清实验需求时，可更换为5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry;
 FACS= Fluorescence activated Cell Sorting; FA= Functional Assay