

CHAMOT

Recombinant Human CD40 L

CM053-5HP
CM053-20HP
CM053-100HP
CM053-500HP
CM053-1000HP



CHAMOT

喬默生物技術(上海)有限公司
CHAMOT BIOTECHNOLOGY CO., LTD.

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Recombinant Human CD40L (CD40 ligand)

编号:	CM053-5HP CM053-20HP CM053-100HP CM053-500HP CM053-1000HP	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

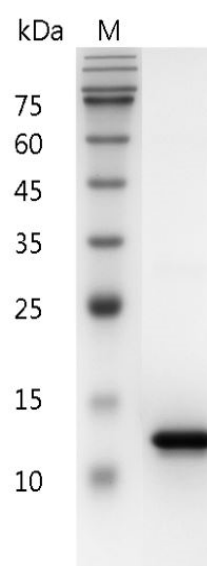
描述: CD40, belonging to the TNF receptor family, is a cell surface protein generally expressed on B cells, dendritic cells, monocytes, thymic epithelial cells and on T cells at low levels. The membrane-anchored CD40 Ligand is expressed almost exclusively on activated CD4⁺ T lymphocytes. CD40 signaling plays a significant role in immunoglobulin (Ig) class switching, and is critical for the proliferation and differentiation of B cells. A disease "immunodeficiency with hyper-IgM", characterized by failure to produce IgG, IgA and IgE due to failure expression of CD40L. The soluble form of CD40L is produced in vivo by an intracellular proteolytic processing of the entire TNF homologous region (18 kDa protein) of CD40L.

来源: *Escherichia coli*
纯度: >95% as determined by SDS-PAGE. Ni-NTA chromatography.

生物学活性: Measure by its ability to induce IL-8 secretion in human PBMCs. The ED₅₀ for this effect is < 5 ng/mL.

内毒素检测: < 0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列: MQKGDQNPQIAAHVISEASSKTTSVL
QWAEKGYTMSNNLVTLENGKQLTV
KRQGLYYIYAQVTFCNREASSQAPFI
ASLCLKSPGRFERILLRAANTHSSAKPC



SDS-PAGE analysis of recombinant human CD40L

GQQSIHLGGVFELQPGASVFNVTDP
 SQVSHGTGFTSFGLLKL 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℃至-80℃	自收到之日起1年
重悬液 (初始)	2℃至8℃	不超过1周
重悬液 (经稀释)	-20℃至-80℃	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℃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℃至-80℃可无菌保存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