

CHAMOT

Recombinant Human IL-37

CM044-5HP
CM044-20HP
CM044-100HP
CM044-500HP
CM044-1000HP



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

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Recombinant Human IL-37 (Interleukin-37)

编号:	CM044-5HP CM044-20HP CM044-100HP CM044-500HP CM044-1000HP	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: Decreasing synthesis of IL-37 in PBMCs will cause increasing production of pro-inflammatory cytokines such as IL-1 alpha, IL-1 beta, IL-6 and TNF- alpha. The IL-37 work as an innate inflammatory inhibitor is also proved by its high expression in synovial tissue from rheumatoid arthritis patients. Full length IL-37 locates mainly in the cytoplasm, and it can translocate to the nucleus after activation through cleavage by CASP1, then exerts its activity by directly interacting with SMAD3.

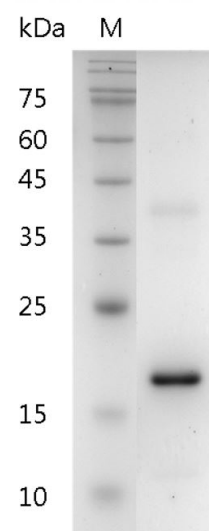
来源: *Escherichia coli*

纯度: >95% as determined by SDS-PAGE.

生物学活性: Measured by its ability to inhibit LPS-stimulated IL-8 secretion in human PBMCs. The ED₅₀ for this effect is <1 µg/mL.

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

蛋白序列: MKNLNPKKFSIHDQDQDKVVLDSGN
LIAVPDKNYIRPEIFFALASSLSASA
GSPILLGVSKGEFCLYCDKDKGQSHPS
LQLKKEKLMKLAQKESARRPFIFYRA
QVGSWNMLESAAHPGWFICTSCNC
NEPVGVTDFENRKHIEFSFQPVCKAE
MSPSEVSD with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant human IL-37

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℃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