

CHAMOT

Recombinant Human IL-31

CM036-5HP
CM036-20HP
CM036-100HP
CM036-500HP
CM036-1000HP



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Recombinant Human IL-31 (Interleukin-31)

编号:	CM036-5HP CM036-20HP CM036-100HP CM036-500HP CM036-1000HP	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

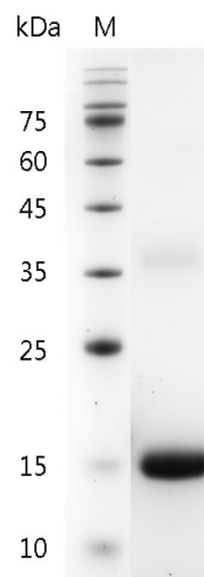
描述: Interleukin-31 (IL-31) is an inflammatory cytokine that helps trigger cell-mediated immunity against pathogens. It has also been identified as a major player in a number of chronic inflammatory diseases, including atopic dermatitis. It is produced by a variety of cells, namely type 2 helper (TH2) T-cells. IL-31 sends signals through a receptor complex made of IL-31RA and oncostatin M receptor β (OSMR β) expressed in immune and epithelial cells. These signals activate three pathways: ERK1/2 MAP kinase, PI3K/AKT, and JAK1/2 signaling pathways.

来源: *Escherichia coli*
纯度: >98% as determined by SDS-PAGE.
Ni-NTA chromatography

生物学活性: Measured by its ability to induce A549 cells proliferation. The ED₅₀ for this effect is < 40 ng/mL.

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

蛋白序列: MSHTLPVRLRP SDDVQKIVEELQSLS
KMLLKDV EEEKGVLSQNYTL PCLSP
DAQPPNNIHSPAIRAYLKTIRQLDNKS
VIDEII EHLDKLIFQDAPETNISVPTDTH
ECKRFILTISQQFSECMDLALKSLTSGA
QQATT with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant human IL-31

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