

CHAMOT

Recombinant Human IL-25

CM029-5HP
CM029-20HP
CM029-100HP
CM029-500HP
CM029-1000HP



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CONTENT

1 产品简介

2 产品组成

3 产品储存

4 产品使用

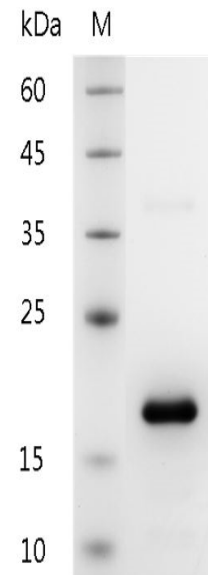
Recombinant Human IL-25 (Interleukin-25)

编号:	CM029-5HP CM029-20HP CM029-100HP CM029-500HP CM029-1000HP	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-25 (IL-25) is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-kappaB activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. IL-25 is a member of the IL-17 family of cytokines. However, unlike the other members of this family, IL-25 promotes T helper (Th) 2 responses. IL-25 also regulates the development of autoimmune inflammation mediated by IL-17 – producing T cells. IL-25 and IL-17, being members of the same cytokine family, play opposing roles in the pathogenesis of organ-specific autoimmunity.

来源: *Escherichia coli*
纯度: >98% as determined by SDS-PAGE.
 Ni-NTA chromatography
 Measure by its ability to induce IL-8 secretion in human PBMCs. The ED₅₀ for this effect is < 5 ng/mL.
生物学活性: Measure by its ability to induce CXCL1 secretion in HT29 cells. The ED₅₀ for this effect is < 1 ng/mL.



SDS-PAGE analysis of recombinant human IL-25

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

蛋白序列: MYSHWPSCCPSKGQDTSEELLRWST
 VPVPPLEPARPNRHPESCRASEDGPL
 NSRAISPWRYELDRDLNRLPQDLYH
 ARCLCPHCVSLQTGSHMDPRGNSE
 LLYHNQTVFYRRPCHGEKGTHTKGYC
 LERRLYRVSLACVCVRPRVMG 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