

# CHAMOT

## Recombinant Mouse IL-25

CM021-5MP

CM021-20MP

CM021-100MP

CM021-500MP

CM021-1000MP



CHAMOT

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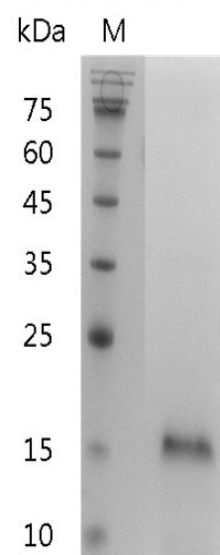
## Recombinant Mouse IL-25 (Interleukin-25)

|     |                                                                       |     |                                           |
|-----|-----------------------------------------------------------------------|-----|-------------------------------------------|
| 编号: | CM021-5MP<br>CM021-20MP<br>CM021-100MP<br>CM021-500MP<br>CM021-1000MP | 规格: | 5 µg<br>20 µg<br>100 µg<br>500 µg<br>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.  
**生物学活性:** Measured by its ability to induce CXCL1 secretion in HT -29 cells. The ED<sub>50</sub> for this effect is < 1 ng/mL.  
**内毒素检测:** < 0.1 EU per 1 µg of the protein by the LAL method.



SDS-PAGE analysis of recombinant mouse IL-25

蛋白序列: MVSLRIQEGCSHLPSCCPSKEQEPPEE  
WLKWSSASVSPPEPLSHTTHAESCRA  
SKDGPLNSRAISPWSYELDRDLNRVP  
QDLYHARCLCPHCVSLQTGSHMDPL  
GNSVPLYHNQTVFYRRPCHGEEGTH  
RRYCLERRLYRVSLACVCVRPRVMA  
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