

# Recombinant Human CCL4 (C-C motif chemokine ligand 4)

编号: PY2126

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

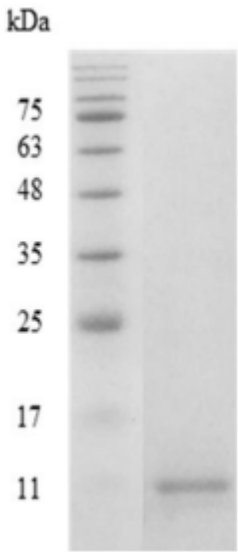
**描述:** CCL4 act as an important pro-inflammatory cytokine during acute and chronic inflammatory responses. CCL4 also play a role as an attractant NK cells, dendritic cells, monocytes, and lymphocytes to sites of injury and inflammation. As CCL4 conducts signaling through G-protein-coupled receptor CCR5, which is a major co-receptor for M-tropic HIV strains. Thus, binding of CCL4 to CCR5 inhibits HIV entry and reduces the cell surface expression of CCR5. CCL4 has been identified as one of the major anti-HIV factors produced by CD8+ T cells.

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

**生物学活性:** Measure by its ability to chemoattract BaF3 cells transfected with human CCR5. The ED<sub>50</sub> for this effect is <10 ng/mL.

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

**蛋白序列:** APMGSDPPTACCFSTARKLPHNFFVDD  
YYETSSLCSQPAVVFTKRGKQVCADP  
SESWVQEYVYDLELN



SDS-PAGE analysis of recombinant human CCL4

## 产品组成

成分： 从含有 50 mM Tris and 150 mM NaCl, pH 8.5 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