

# Recombinant Human CXCL10 (C-X-C motif chemokine 10)

编号: PY2136

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

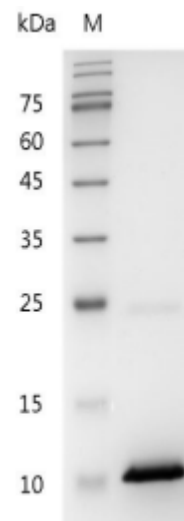
**描述:** CXCL10, belongs to the CXC chemokine family, is also known as IP-10. CXCL10 was originally identified as a responder to IFN- $\gamma$  in monocytes, endothelial cells and fibroblasts. The effects of this chemokine can be induced by binding to the cell surface chemokine receptor CXCR3. Research shows that CXCL10 is a chemoattractant for activated T-lymphocytes, monocytes and macrophages. It also has other functions, such as promotion of T cell adhesion to endothelial cell.

**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 human PBMCs using a concentration range of 10.0 - 100.0 ng/mL. Note: Results may vary from different PBMC donors.

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

**蛋白序列:** VPLSRTVRCTCISISNQPVNPRSLKLE  
IIPASQFCPRVEIIATMKKKGEKRCLNP  
ESKAIGNLLKAVSKERSKRSP with  
polyhistidine tag at the N-terminus



SDS-PAGE analysis of recombinant human CXCL10

## 产品组成

**成分:** 从含有 1X PBS, pH 7.4 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