

## Recombinant Human IL-23 p19 (Interleukin-23 p19)

编号: PY2225

规格: 5 µg  
20 µg  
100 µg  
500 µg  
1 mg

类别: 重组蛋白

应用: Functional Assay

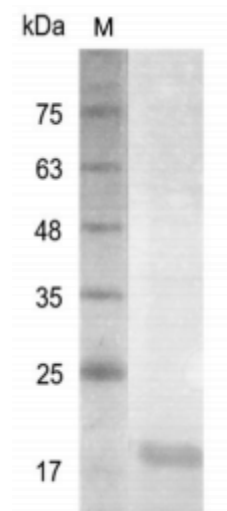
### 产品简介

**描述:** IL-23 is an important part of the inflammatory response against infection. It promotes upregulation of the matrix metalloprotease MMP9, increases angiogenesis and reduces CD8+ T-cell infiltration into tumours. IL-23 mediates its effects on both innate and adaptive arms of the immune system that express the IL-23 receptor. Th17 cells represent the most prominent T cell subset that responds to IL-23, although IL-23 has been implicated in inhibiting the development of regulatory T cell development in the intestine. Th17 cells produce IL-17, a proinflammatory cytokine that enhances T cell priming and stimulates the production of other proinflammatory molecules such as IL-1, IL-6, TNF- $\alpha$ , NOS-2, and chemokines resulting in inflammation.

**来源:** *Escherichia coli*

**纯度:** >95% as determined by SDS-PAGE.  
Ni-NTA chromatography

**生物学活性:** Measured by its ability to induce IL-17 secretion in mouse splenocytes. The ED<sub>50</sub> for this effect is <0.5 ng/mL.



SDS-PAGE analysis of recombinant human IL-23 p19

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

蛋白序列： RAVPGGSSPAWTQCQQLSQKLCTLA  
WSAHPLVGHMDLREEGDEETTNDVP  
HIQCGDGC DPQGLRDNSQFCLQRIH  
QGLIFYEKLLGSDIFTGEP SLLPDSPVG  
QLHASLLGLS QLLQPEGHHWETQQIP  
SLSPSQPWQRLLLRFKILRSLQAFVAV  
AARVFAHGAATLSP with  
polyhistidine tag at the N-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

- 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