

## Recombinant Human IL-15 (Interleukin-15)

编号: PY2212

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-15 (IL-15) is a cytokine with structural similarity to Interleukin-2 (IL-2). Like IL-2, IL-15 binds to and signals through a complex composed of IL-2/IL-15 receptor beta chain (CD122) and the common gamma chain (gamma-C, CD132). IL-15 is secreted by mononuclear phagocytes (and some other cells) following infection by virus(es). This cytokine induces cell proliferation of natural killer cells; cells of the innate immune system whose principal role is to kill virally infected cells.

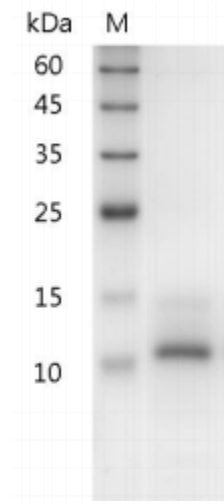
**来源:** *Escherichia coli*

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

**生物学活性:** Measure by its ability to induce proliferation in CTLL-2 cells. The ED<sub>50</sub> for this effect is < 3 ng/mL. The specific activity of recombinant human IL-15 is > 2 × 10<sup>6</sup> IU/mg.

**内毒素检测:** <0.01 EU per 1 µg of the protein by the LAL method.

**蛋白序列:** NWVNVISDLKKIEDLIQSMHIDATLYT  
ESDVHPSCKVTAMKCFLLQLQVISLES  
GDASIHDTVENLIILANNSLSSNGNVT  
ESGCKECELEEKNIKEFLQSFVHIVQ  
MFINTS with polyhistidine tag at the N-terminus



SDS-PAGE analysis of recombinant human IL-15

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℃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