

## IL-15/IL-T, Human, Recombinant

货号 : PCK049

### 产品信息

|      |  |
|------|--|
| 别名   | IL-T   |
| 物种   | Human  |
| 表达宿主 | E.coli   |
| 序列信息 | NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLELQVISL<br>ESGDASIHDTVENLILANNSLSSNGNVTESGCKECELEEKNIKEFLQSFVHI<br>VQMFIN TSLE with polyhistidine tag at the N-terminus.                         |
| 检索号  | P40933.1   |
| 分子量  | 13.7 kDa   |
| 标签   | His-tag at the N-terminus  |
| 生物活性 | Measure by its ability to induce NK cells proliferation. The ED50 for this effect is <3 pg/mL. The specific activity of recombinant human IL-15 is approximately >5 x 10 <sup>9</sup> IU/mg. |

### 产品特性

|     |   |
|-----|---|
| 纯度  | >95% as determined by SDS-PAGE. Ni-NTA chromatography.  |
| 内毒素 | <0.01 EU per 1 µg of the protein by the LAL method.   |
| 保存  | Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1% BSA,10%FBS,5%HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months. |
| 运输  | Ambient temperature or ice pack.  |
| 制剂  | The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 8.0.  |



## 复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100  $\mu\text{g/mL}$ . Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

## 背景介绍

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.

## SDS-PAGE

