

## IL-9/ Cytokine P40 (C-6His), Human, Recombinant

货号 : PCK206

### 产品信息

|      |  |
|------|--|
| 别名   | Interleukin-9; IL-9; Cytokine P40; T-Cell Growth Factor P40; IL9 |
| 物种   | Human  |
| 表达宿主 | Human Cells  |
| 序列信息 | Gln19-Ile144   |
| 检索号  | P15248   |
| 分子量  | 15.2 kDa   |
| 标签   | C-6His   |

### 产品特性

|     |   |
|-----|---|
| 纯度  | >95% as determined by reducing SDS-PAGE.  |
| 内毒素 | <1.0 EU per µg as determined by LAL test.   |
| 保存  | Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months. |
| 运输  | Ambient temperature or ice pack.  |
| 制剂  | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.  |



## 复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 背景介绍

Interleukin-9 (IL-9) is a secreted Protein that belongs to the IL-7/ IL-9 family. IL-9 supports IL-2 independent and IL-4 independent growth of helper T-cells. IL-9 stimulates cell proliferation and prevents apoptosis. It functions through the IL-9 Receptor (IL-9R), which activates different signal transducer and activator (STAT) Proteins and thus connects this Cytokine to various biological processes. IL-9 has been identified as a candidate gene for asthma. IL-9 is a determining factor in the pathogenesis of bronchial hyperresponsiveness.

## SDS-PAGE

