

## Recombinant Human IL-5 Protein, His-Fc tag

### 产品信息

产品名称	产品编号	规格
Recombinant Human IL-5 Protein, His tag	90195ES10	10 µg
	90195ES60	100 µg
	90195ES76	500 µg

### 产品简介

Interleukin 5 (IL-5) is a member of the hematopoietic Th2 cytokine family and consists of 115 amino acids. Unlike other members of the cytokine family (IL-3 and GM-CSF), this glycoprotein is activated as a homologous dimer. IL-5 is secreted by Th2 cells and mast cells. Its biological activity on B cells and other cell types suggests that IL-5 is functionally important for Th2 cell activity. By binding to its receptor, IL-5 stimulates B cell growth and enhances immunoglobulin secretion. It is also a key factor in the activation of eosinophils. IL-5 has been associated with a variety of diseases, including allergic rhinitis and asthma, with substantial increases seen in circulating tissue, tracheal tissue, and a decrease in sputum eosinophils.

### 性能参数

<b>Synonyms</b>	TRF, Interleukin-5
<b>Uniprot No.</b>	P05113-1
<b>Source</b>	Recombinant Human IL-5 Protein is expressed from HEK293 Cells with His tag at the N-terminal and Fc tag at the C-terminal. It contains Ile20-Ser134.
<b>Molecular Weight</b>	The protein has a predicted MW of 45.33 kDa.
<b>Purity</b>	> 95% as determined by SDS-PAGE.
<b>Endotoxin</b>	<0.1 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
<b>Reconstitution</b>	Centrifuge tubes before opening. The concentration of protein solution used for lyophilization is generally 1mg/mL. Dissolve lyophilized protein with sterile water to ensure the concentration is greater than 100 ug/mL.

### 储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

## 注意事项

- 1.Please operate with lab coats and disposable gloves,for your safety.
- 2.This product is for research use only.

## 产品数据

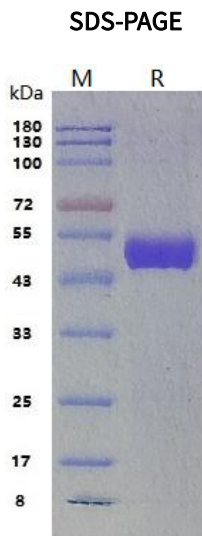


Figure 1. Human IL-5 on SDS-PAGE under reduced condition. The purity is greater than 95%.