

产品名称: GMP Recombinant Human EGF  
产品货号: PCH90003

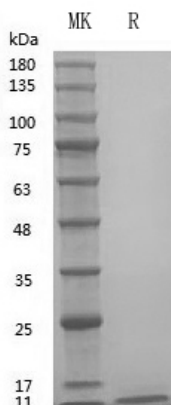


## 概述 (Summary)

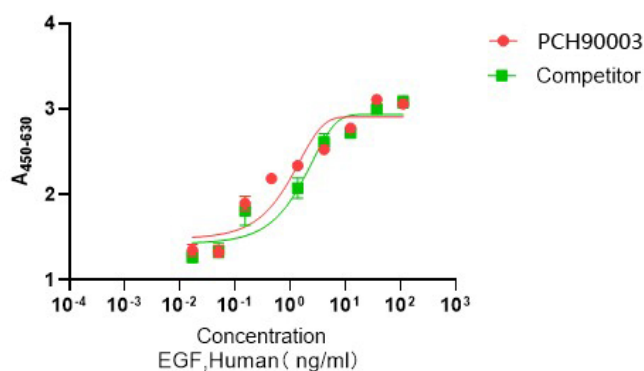
|                             |                                                                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 英文全称                        | EGF                                                                                                                                                                                                                                                                                    |
| 纯度 (Purity)                 | Greater than 95% as determined by reducing SDS-PAGE                                                                                                                                                                                                                                    |
| 内毒素 (Endotoxin level)       | ≤10 EU/mg                                                                                                                                                                                                                                                                              |
| 蛋白构建 (Construction)         | Recombinant Human EGF is produced by our Mammalian cell expression system and the target gene encoding Asn971-Arg1023 is expressed.                                                                                                                                                    |
| Accession #                 | P01133                                                                                                                                                                                                                                                                                 |
| 蛋白标签 (Tag)                  | Tag free                                                                                                                                                                                                                                                                               |
| 表达宿主 (Host)                 | Mammalian cell                                                                                                                                                                                                                                                                         |
| 种属 (Species)                | Human                                                                                                                                                                                                                                                                                  |
| 预测分子量 (Predicted MW)        | 6.2 kDa                                                                                                                                                                                                                                                                                |
| 蛋白形态 (Form)                 | Lyophilized                                                                                                                                                                                                                                                                            |
| 储存缓冲液 (Buffer)              | PBS, 5% mannitol and 0.01% Tween 80, pH7.4                                                                                                                                                                                                                                             |
| 运输方式 (Shipping)             | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.                                                                                                                                                                     |
| 稳定性&储存 (Stability &Storage) | 36 months at -20°C to -80°C in lyophilized state. 6 months at -20°C to -80°C under sterile conditions after reconstitution. 7-10 days at 2°C to 8°C under sterile conditions after reconstitution. Please minimize freeze-thaw cycles.                                                 |
| 复溶 (Reconstitution)         | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

## 电泳图 (SDS-PAGE image)

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### 活性验证图 (Bioactivity image)



The ED50 for this effect is  $\leq 0.3$  ng/mL

### 背景 (Background)

#### 分子别名 (Alternative Names)

#### 背景介绍 (References)

Pro-Epidermal Growth Factor; EGF; Epidermal Growth Factor; Urogastrone  
Epidermal growth factor (EGF) is a small 53 amino acid residue long protein that contains three disulfide bridges. It is a small mitogenic protein that is thought to be involved in mechanisms such as normal cell growth, oncogenesis, and wound healing. EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. This protein shows both strong sequential and functional homology with human type-alpha transforming growth factor (hTGF alpha), which is a competitor for EGF receptor sites.

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**注意事项 (Note)**

For research use only .