

## EGF/Urogastrone/URG, Swine, Recombinant

Cat. No. : GPCK348

### 产品信息

|      |  |
|------|--|
| 物种   | Swine  |
| 表达宿主 | E.coli   |
| 序列信息 | MNSYSECPPSHDGYCLHGGVCMYIEAVDSYACNCVFGYVGERCQHRDLKWWELR with polyhistidine tag at the C-terminus. |
| 检索号  | Q00968.2   |
| 标签   | His-tag at the C-terminus  |
| 分子量  | 7.1 kDa  |
| 有效期  | 12 months  |

### 产品特性

|             |  |
|-------------|--|
| 内毒素 (EU/μg) | < 0.1  |
| 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 1 × PBS, pH 8.0.  |
| 复溶          | It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.  |

### 背景介绍

Epidermal growth factor (EGF) stimulates cell growth and differentiation by binding to its receptor, EGFR. Human EGF is a 6-kDa protein with 53 amino acid residues and three intramolecular disulfide bonds. EGF is present in various body fluids, including blood, milk, urine, saliva, seminal fluid, pancreatic juice, cerebrospinal fluid, and amniotic fluid. Biological activities ascribed to EGF include epithelial development, angiogenesis, inhibition of gastric acid secretion, fibroblast proliferation, and colony formation of epidermal cells in culture.

