

### EGFR/ ErbB1/ HER1 (C-Fc), Human, Recombinant

货号: PCK088

## 产品信息

别名 Epidermal Growth Factor Receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-

Protein kinase erbB-1; EGFR; ERBB; ERBB1; HER1

物种 Human

表达宿主 Human Cells Proce

序列信息 Leu25-Ser645

检索号 P00533

分子量 95.7 kDa

标签 C-Fc

# 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 PBS, pH7.4.

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Rev. V1.0



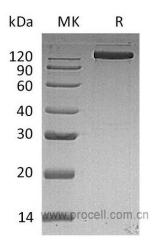
#### 复融

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

EGFR is a transmembrane glyco Protein that is a member of the Protein kinase superfamily. This Protein is a Receptor for members of the Epidermal Growth Factor family. EGFR is a cell surface Protein that binds to Epidermal Growth Factor. Binding of the Protein to a Ligand induces Receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Activates at least 4 major downstream signaling cascades including the RAS-RAF-MEK-ERK, PI3 kinase-AKT, PLCgamma-PKC and STATs modules. May also activate the NF-kappa-B signaling cascade. Also directly phosphorylates other Proteins like RGS16, activating its GTPase activity and probably coupling the EGF Receptor signaling to the G Protein-coupled Receptor signaling.

### SDS-PAGE



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