



11 Park Drive, Suite 12
Boston, MA 02215

Human soluble EGFR-GST recombinant protein

ORDERING INFORMATION

Catalog No: rAP-0289

Size: 2 µg; 5µg

Storage: <- 20° C

Synonyms:

Epidermal growth factor receptor, EC 2.7.10.1, Receptor tyrosine-protein kinase ErbB-1, ERBB, mENA, ERBB1, EGFR.

Introduction:

EGFR is type I receptor tyrosine kinase with sequence homology to erbB-1, 02, 03, -4. It binds to Epidermal Growth Factor (EGF), Transforming Growth Factor- (TGF-α), Heparin-binding EGF (HB-EGF), amphiregulin, betacellulin and epiregulin. EGFR is overexpressed in tumors of breast, brain, bladder, lung, gastric, head, neck, esophagus, cervix, vulva, ovary, and endometrium. It is predominantly present in squamous cell carcinomas.

Description:

Epidermal Growth Factor Receptor Human Recombinant- encodes amino acids 1-203, expressed in E.coli, shows a 48 kDa band on SDS-PAGE and includes GST Tag.
EGFR is purified by proprietary chromatographic techniques.

Source:

Escherichia Coli.

Physical Appearance:

Sterile filtered liquid.

Formulation:

EGFR (0.1 mg/ml) in 50mM Tris- Acetate, pH 7.5, 1mM EDTA and 20% glycerol.

Stability:

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

Please avoid freeze-thaw cycles.

Application And Suggested Dilutions:

- ELISA
- Inhibition Assays
- Western Blotting

Usage: Angio-Proteomie's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Fax: (480) 247-4337, angioproteomie@gmail.com