

Active Recombinant Human EGFR Protein, His-GST-tagged, FITC conjugated

Cat. No. EGFR-31HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGFR Protein cytoplasmic domain (NP_005219, 668-1210aa), was produced in Baculovirus-Insect cells with N-terminal His-tagged, GST tag and FITC conjugate.
Species	Human
Source	Insect Cells
ProteinLength	668-1210 aa
Form	Liquid
Bio-activity	The specific activity was determined to be 140 nmol/min/mg using Poly(Glu:Tyr) 4:1 as substrate.
Molecular Mass	89.1 kDa
N-terminal Sequence Analysis	Met
Endotoxin	< 1.0 EU/ µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Characteristic	<p>Disulfide-linked homodimer</p> <p>Labeled with FITC via amines</p> <p>Excitation source: 488 nm spectral line, argon-ion laser</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 535 nm</p>
Stability	Samples are stable for up to 12 months from date of receipt at -20 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
Shipping	Shipped out with blue ice.
Conjugation	FITC

GENE INFORMATION

Gene Name	EGFR epidermal growth factor receptor [Homo sapiens (human)]
Official Symbol	EGFR
Synonyms	EGFR; epidermal growth factor receptor; EC 2.7.10.1; ERBB; ERBB1; HER1; PIG61; mENA; receptor tyrosine-protein kinase erbB-1; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog; cell growth inhibiting protein 40; cell proliferation-inducing protein 61; epidermal growth factor receptor (avian erythroblastic leukemia viral (v-erb-b) oncogene homolog); epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian); EC 2.7.10; Proto-oncogene c-ErbB-1; OTTHUMP00000159661; OTTHUMP00000159662; OTTHUMP00000159663;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



OTTHUMP00000209210; OTTHUMP00000209211

Gene ID 1956

mRNA Refseq NM_005228

Protein Refseq NP_005219

MIM 131550

UniProt ID P00533

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA