

Active Recombinant Human EGFR Protein, His-tagged, PE-Labeled

Cat. No. EGFR-4668H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human EGFR Protein (25-645aa), was expressed in HEK293 with C-terminal His tag and PE-Labeled conjugate.

Species

Human

Source

HEK293

ProteinLength

25-645 aa

Form

Lyophilized from 0.22 μ m filtered solution in PBS, 0.5% BSA, pH7.4. Normally trehalose is added as protectant before lyophilization.

Bio-activity

5e5 of anti-EGFR CAR-293 cells were stained with 100 μ L of 1:50 dilution (2 μ L stock solution in 100 μ L FACS buffer) of PE-Labeled Human EGF R, His Tag and negative control protein respectively. PE signal was used to evaluate the binding activity.

Molecular Mass

This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 72.3 kDa.

Storage

For long term, the product should be stored at lyophilized state at -20°C or lower. Please protect from light and avoid repeated freeze-thaw cycles. This product is stable after at:
-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

 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

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name EGFR epidermal growth factor receptor [Homo sapiens]

Official Symbol EGFR

Synonyms EGFR; epidermal growth factor receptor; epidermal growth factor receptor (avian erythroblastic leukemia viral (v erb b) oncogene homolog) , ERBB; ERBB1; erythroblastic leukemia viral (v erb b) oncogene homolog (avian); proto-oncogene c-ErbB-1; cell growth inhibiting protein 40; cell proliferation-inducing protein 61; receptor tyrosine-protein kinase erbB-1; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog; ERBB; HER1; mENA; PIG61;

Gene ID 1956

mRNA Refseq NM_005228

Protein Refseq NP_005219

MIM 131550

UniProt ID P00533

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