

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

Cat. No. EGFR-4686H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGFR Protein (25-378aa), was expressed in HEK293 with C-terminal His tag and PE-Labeled conjugate.
Species	Human
Source	HEK293
ProteinLength	25-378 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4 with trehalose as protectant.
Bio-activity	5e5 of anti-EGFRvIII CAR-293 cells were stained with 100 µL of 1:50 dilution (2 µL stock solution in 100 µL FACS buffer) of PE-Labeled Human EGFRvIII Protein, 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-terminusThe protein has a calculated MW of 42.2 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.

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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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