

## Active Recombinant Human EGFR Protein, His-tagged, Site-specific PE-Labeled

Cat. No. EGFR-4837H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EGFR Protein (NP_001333870.1, 25-378aa, active, site-specific PE-Labeled), was expressed in HEK293 with C-terminal His tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	25-378 aa
<b>Tag</b>	C-His
<b>Conjugation/Label</b>	Site-specific PE
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	The protein has a calculated MW of 42.2 kDa.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower.

Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20°C to -70°C for 12 months in lyophilized state;

-70°C for 6 months under sterile conditions after reconstitution.

#### 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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