

Active Recombinant Human EGFR protein, His-Avi-tagged, PE-Labeled

Cat. No. EGFR-56H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PE-Labeled Active Recombinant Human EGFR protein(NP_001333870.1)(Leu25-Ser378) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	25-378 aa
Conjugation/Label	PE
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Wavelength	Excitation Wavelength: 488 nm / 561 nm Emission Wavelength: 575 nm
Bio-activity	FACS Analysis of Anti-EGFRVIII CAR Expression. 293T cells were transfected with anti-EGFRVIII-scFv and His tag. Cells were incubated with 5µg/ml PE-Labeled Human EGFRVIII, His Tag and PE-labeled protein control. Non-transfected 293T cells and PE-labeled protein control were used as negative control.
Molecular Mass	The protein has a predicted MW of 41.6 kDa.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw

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cycles.

Concentration

0.1-1.0 mg/mL. 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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FACS Data

