

Active Recombinant Human EGFRvIII protein, His-tagged, FITC-Labeled

Cat. No. EGFR-688HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGFRvIII Protein (NP_001333870.1, 25-378aa), was expressed in HEK293 with C-terminal His tag and FITC conjugate.
Species	Human
Source	HEK293
ProteinLength	25-378 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Anti-EGFRvIII Antibody , Human IgG1 at 1 µg/mL (100 µL/well) can bind FITC-Labeled Human EGFRvIII Protein, His Tag with a linear range of 0.625-5 µg/mL.
Molecular Mass	The protein has a calculated MW of 40.5 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please protect from light and avoid repeated freeze-thaw cycles.

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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.

Conjugation

FITC

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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