

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

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

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human EGFRvIII Protein (NP_001333870.1, 25-378aa), was expressed in HEK293 with C-terminal His tag and FITC conjugate.                                   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | 25-378 aa  |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.   |
| <b>Bio-activity</b>     | 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. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 40.5 kDa.   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.   |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.  |
| <b>Storage</b>          | For long term storage, the product should be stored at lyophilized state at -20°C or lower.<br>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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