

## Active Recombinant Human EGFR Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. EGFR-464HAF555 Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EGFR Protein (CAA25240), was expressed in Mouse myeloma cell line (NS0-derived) with Alexa Fluor 555 conjugate.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measured by its ability to bind rhEGF in a functional ELISA with an estimated KD < 8 nM.
<b>Molecular Mass</b>	Recombinant Human EGFR, Fc Chimera has a calculated MW of 95.1 kDa (monomer). In SDS-PAGE migrates as 125-145 kDa, reducing conditions.
<b>N-terminal Sequence Analysis</b>	Leu 25
<b>Purity</b>	> 90 % by SDS-PAGE and analyzed by silver stain
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard

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TRITC/Cy3 filters.

**Storage**

Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).

**Storage Buffer**

Lyophilized from a 0.2 µm filtered solution in PBS.

**Conjugation**

Alexa Fluor 555

## 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

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