

# Active Recombinant Human EGFR Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. EGFR-464HAF488 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 488 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 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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<b>Storage</b>	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).
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Conjugation</b>	Alexa Fluor 488
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	EGFR epidermal growth factor receptor [ Homo sapiens ]
<b>Official Symbol</b>	EGFR
<b>Synonyms</b>	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;
<b>Gene ID</b>	1956
<b>mRNA Refseq</b>	NM_005228
<b>Protein Refseq</b>	NP_005219
<b>MIM</b>	131550
<b>UniProt ID</b>	P00533

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