Active Recombinant Human EGFR Protein, Fc-tagged, FITC conjugated

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

SPECIFICATION

Product Overview	Recombinant Human EGFR Protein (CAA25240), was expressed in Mouse myeloma cell line (NS0-derived) with FITC conjugate.
Species	Human
Source	Mammalian Cells
Form	Lyophilized
Bio-activity	Measured by its ability to bind rhEGF in a functional ELISA with an estimated KD < 8 nM.
Molecular Mass	Recombinant Human EGFR, Fc Chimera has a calculated MW of 95.1 kDa (monomer). In SDS-PAGE migrates as 125-145 kDa, reducing conditions.
N-terminal Sequence Analysis	Leu 25
Purity	> 90 % by SDS-PAGE and analyzed by silver stain
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm

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	Emission Wavelength: 535 nm
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	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

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UniProt ID	P00533

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