

Active Recombinant Human EGFR, Fc Chimera

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

SPECIFICATION

Product Overview	Recombinant Human EGFR Protein (CAA25240), was expressed in Mouse myeloma cell line (NS0-derived).
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Leu25
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
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.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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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
Chromosome Location	7p12