

## Recombinant Human EGFR

Cat. No. EGFR-463H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human EGFR Protein (CAA25240, 1-645aa), was expressed in Mouse myeloma cell line (NS0-derived).

**Species** Human

**Source** Mammalian Cells

**ProteinLength** 1-645 aa

**Predicted N Terminal** Leu25

**Form** Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.

**Bio-activity** Bioassay data are not available.

**Molecular Mass** Recombinant Human EGFR has a calculated MW of 68.6 kDa. In SDS-PAGE migrates as 110-115 kDa, reducing conditions.

**Purity** >95%, 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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<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
<b>Chromosome Location</b>	7p12

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