

Recombinant Human EGFR protein, MYC/DDK-tagged

Cat. No. EGFR-625H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGFR Protein transcript variant 3, was expressed in HEK293 with C-terminal MYC/DDK tag.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	42.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

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

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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_201283](#)

Protein Refseq [NP_958440](#)

MIM [131550](#)

UniProt ID [P00533](#)

**Chromosome
Location** 7p12

Pathway Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Arf6 signaling events, organism-specific biosystem; Axon guidance, organism-specific biosystem; Bladder cancer, organism-specific biosystem;

Function ATP binding; MAPK/ERK kinase kinase activity; actin filament binding; double-stranded DNA binding; enzyme binding; epidermal growth factor-activated receptor activity; epidermal growth factor-activated receptor activity; identical protein binding; contributes_to nitric-oxide synthase regulator activity; nucleotide binding; protein binding; protein heterodimerization activity; protein phosphatase binding; protein tyrosine kinase activity; protein tyrosine kinase activity; protein tyrosine kinase

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activity; receptor activity; receptor signaling protein tyrosine kinase activity; signal transducer activity; transmembrane receptor protein tyrosine kinase activity; transmembrane receptor protein tyrosine kinase activity; transmembrane signaling receptor activity;

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