Recombinant Human EGFR(T790M/L858R) protein, Flag-tagged, Biotinylated

Cat. No. EGFR-43H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGFR Protein cytoplasmic domain (NP_005219.2, 669-1210aa, T790M/L858R mutation), was expressed in insect cell with N-terminal DYKDDDDK tag and biotinylated conjugate.
Species	Human
Source	Insect Cells
ProteinLength	669-1210 aa
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	66 kDa
Purity	>80% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	EGFR epidermal growth factor receptor [Homo sapiens]

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Official Symbol	EGFR
Synonyms	EGFR; epidermal growth factor receptor; ERBB1; ERBB; HER1; mENA; PIG61;
Gene ID	1956
mRNA Refseq	NM_005228
Protein Refseq	NP_005219
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 activity; receptor activity; receptor signaling protein tyrosine kinase activity; signal transducer activity; transmembrane receptor protein tyrosine kinase activity;

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

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