

# 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 ]

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Official Symbol</b>	EGFR
<b>Synonyms</b>	EGFR; epidermal growth factor receptor; ERBB1; 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
<b>Pathway</b>	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;
<b>Function</b>	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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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

☎ Tel: 1-631-559-9269 1-516-512-3133

☎ Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) ☎ Fax: 1-631-938-8127

☎ 45-1 Ramsey Road, Shirley, NY 11967, USA