

Active Recombinant Human EGFR protein, His-Avi-tagged, Biotinylated

Cat. No. EGFR-4399H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human EGFR protein(NP_001333870.1)(Leu25-Ser378) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	25-378 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Biotinylated Human EGFRVIII, His Tag at 0.5µg/ml (100µl/Well) on streptavidin (5µg/ml) precoated plate. Dose response curve for Anti-EGFR VIII Antibody, hFc Tag with the EC50 of 14.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 41.6 kDa. Due to glycosylation, the protein migrates to 60-78 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

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Storage -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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 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

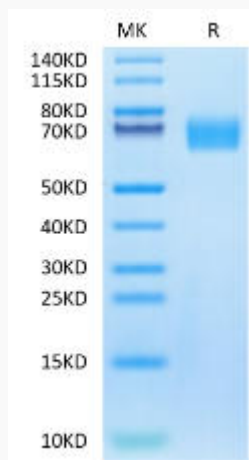
UniProt ID P00533

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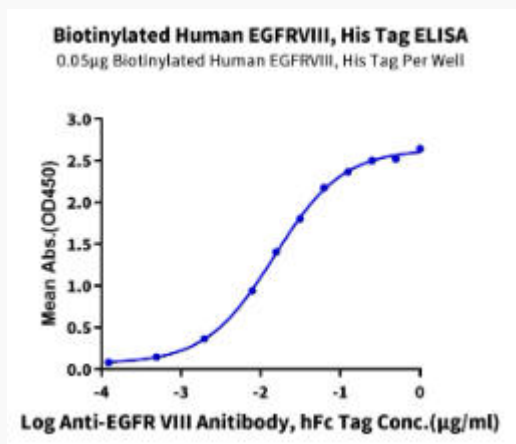
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Bis-Tris PAGE



ELISA Data



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