

Active Recombinant Human EGFR protein, His-Avi-tagged, FITC-Labeled

Cat. No. EGFR-54H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled 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	FITC
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Wavelength	Excitation Wavelength: 490 nm Emission Wavelength: 520 nm
Bio-activity	Immobilized FITC-Labeled Human EGFRVIII, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-EGFRVIII Antibody, hFc Tag with the EC50 of 1.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 41.6 kDa. Due to glycosylation, the protein migrates to 68-80 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

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Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
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Concentration	0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.
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GENE INFORMATION

Gene Name	EGFR epidermal growth factor receptor [Homo sapiens]
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Official Symbol	EGFR
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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;
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Gene ID	1956
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mRNA Refseq	NM_005228
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Protein Refseq	NP_005219
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MIM	131550
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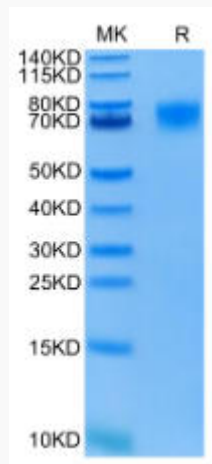
UniProt ID	P00533
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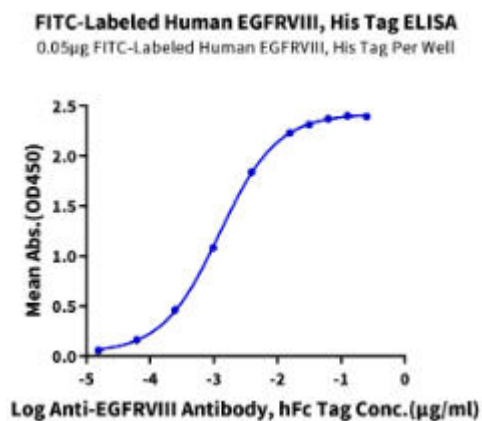
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Bis-Tris PAGE



ELISA Data



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