

Recombinant Human EGFR protein, His-tagged, Alexa Fluor 488-Labeled

Cat. No. EGFR-1406H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGFR Protein (25-378aa), was expressed in HEK293 with C-terminal His tag and Alexa Fluor 488-Labeled conjugate.
Species	Human
Source	HEK293
ProteinLength	25-378 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	Molecular CharacterizationThis protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 53.0 kDa.
Proteinlength	Leu25-Ser378
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Conjugation	Alexa Fluor 488
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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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