

## Recombinant Human EGFR, Fc Chimera

Cat. No. EGFR-692H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EGFR Protein extracellular domain (NP_005219, 1-640aa), was produced in HEK293 with C-terminal human IgG1 Fc tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-640 aa
<b>Predicted N Terminal</b>	Leu 25
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Molecular Mass</b>	The recombinant human EGFR/Fc chimera is a homodimeric protein. The reduced monomer consists of 860 amino acids and has a calculated molecular mass of 95 KDa. As a result of glycosylation, the recombinant protein migrates as an approximately 130-140 KDa p
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>97% as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** EGFR epidermal growth factor receptor [ Homo sapiens ]

**Official Symbol** EGFR

**Gene ID** 1956

**mRNA Refseq** NM\_005228

**Protein Refseq** NP\_005219

**MIM** 131550

**UniProt ID** P00533

**Chromosome Location** 7p12

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