

## 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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