

Recombinant Human EGFR, Fc Chimera

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

SPECIFICATION

Product Overview	Recombinant Human EGFR Protein extracellular domain (NP_005219, 1-640aa), was produced in HEK293 with C-terminal human IgG1 Fc tag.
Species	Human
Source	HEK293
ProteinLength	1-640 aa
Predicted N Terminal	Leu 25
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	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
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>97% as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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