

EGFR recombinant protein

EGFR protein

CATALOG #
AAA75448HOST
Human

PRODUCT SYNONYMS

EGFR; EGFR protein; v-erb-b homolog protein; epidermal growth factor receptor protein; egf-r protein; erbb1 protein; Epidermal Growth Factor protein; panitumumab protein; Egf receptor protein; egfr protein; EGFR recombinant protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 80% pure
Form/Format	Lyophilized in PBS pH 7.4. Reconstitute in PBS or water to a concentration not lower than 100 ug/ml.
Sequence Length	1210
Protein Type	Recombinant
Biological Significance	Epidermal growth factor or EGF is a growth factor that plays an important role in the regulation of cell growth, proliferation, and differentiation by binding to its receptor EGFR. Human EGF is a 6045-Da protein with 53 amino acid residues and three intramolecular disulfide bonds.
Expression System	Sf-9 insect cells
Preparation and Storage	Store at -20 degree C until reconstitution. Following reconstitution product may be stored at 4 degree C in the short term. For long term storage aliquot and freeze at -20 degree C. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for EGFR recombinant protein	Purified recombinant Human EGFR protein
Product Categories/Family for EGFR recombinant protein	Cytokines & Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	29725609
NCBI GeneID	1956
NCBI Accession #	NP_005219.2
NCBI GenBank Nucleotide #	NM_005228.3
UniProt Accession #	P00533 ; O00688 ; O00732 ; P06268 ; Q14225 ; Q68GS5 ; Q92795 ; Q9BZS2 ; Q9GZX1 ; Q9H2C9 ; Q9H3C9 ; Q9UMD7
Molecular Weight	~80 kDa
NCBI Official Full Name	epidermal growth factor receptor isoform a
NCBI Official Synonym Full Names	epidermal growth factor receptor
NCBI Official Symbol	EGFR

NCBI Official Synonym Symbols	ERBB; HER1; mENA; ERBB1; PIG61; NISBD2
NCBI Protein Information	epidermal growth factor receptor
UniProt Protein Name	Epidermal growth factor receptor
UniProt Gene Name	EGFR
UniProt Synonym Gene Names	ERBB; ERBB1; HER1
UniProt Entry Name	EGFR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/egfr-recombinant-protein-human/75448>