

Recombinant Human EGFR, His tagged

Cat. No. EGFR-3803H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGFR Protein extracellular domain (NP_005219, 1-642aa), was produced in Baculovirus-Insect cells with C-terminal His tag.
Species	Human
Source	Insect Cells
ProteinLength	1-642 aa
Form	Lyophilized from sterile 20mM Tris, 50mM NaCl, 3mM DTT, 0.5mM TCEP, pH 7.4
Molecular Mass	The recombinant human EGFR consists of 626 amino acids and has a calculated molecular mass of 69.2 kDa. The recombinant protein migrates as an approximately 75 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
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 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.

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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

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