

Datasheet for ABIN935327

EGFR Protein

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Overview

Quantity:	25 µg
Target:	EGFR
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant

Product Details

Characteristics:	Purified recombinant Human EGFR protein Expression System: Sf-9 insect cells
Purity:	> 80 % pure

Target Details

Target:	EGFR
Alternative Name:	EGFR (EGFR Products)
Background:	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. Alternative Names: 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
Molecular Weight:	approx. 80 kDa

Target Details

Pathways:	NF-kappaB Signaling, RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Stem Cell Maintenance, Hepatitis C, Positive Regulation of Response to DNA Damage Stimulus, Interaction of EGFR with phospholipase C-gamma, Thromboxane A2 Receptor Signaling, EGFR Downregulation, S100 Proteins
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Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in PBS or water to a concentration not lower than 100 µg/mL.
Buffer:	Lyophilized in PBS pH 7.4.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C