

Datasheet for ABIN2017763

EGFR Protein (AA 25-645, Isoform 1) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	EGFR
Protein Characteristics:	Isoform 1, AA 25-645
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGFR protein is labelled with His tag.

Product Details

Characteristics:	AA 25-645 (isoform 1), expressed with 6xHis at the C-terminus.
Purity:	> 95 % by SDS-PAGE and HPLC analyses.
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

Target Details

Target:	EGFR
Abstract:	EGFR Products
Background:	Epidermal Growth Factor Receptor (EGFR) belongs to a family of tyrosine kinase receptors including Human EGF Receptors (HER) 2, 3, and 4 which all play important roles in cell growth and differentiation. Their primary ligands are EGF, Heparin-Binding EGF and Transforming Growth Factor alpha. Upon ligand binding, EGFR undergoes asymmetric dimerization, composed of an

Target Details

	Synonyms: ErbB1, HER1
Molecular Weight:	80 kDa, observed by reducing SDS-PAGE.
UniProt:	P00533
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

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Reconstituted in ddH2O at 100 µg/mL.
Buffer:	Lyophilized after extensive dialysis against PBS.
Storage:	-80 °C
Storage Comment:	Lyophilized recombinant human Epidermal Growth Factor Receptor (rhEGFR) remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, rhEGFR remains stable up to 2 weeks at 4 °C or up to 3 months at -20 °C.
Expiry Date:	6 months