

Datasheet for ABIN7271618 **EGFR Protein (His tag)**



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Overview

Quantity:	100 µg
Target:	EGFR
Origin:	Rabbit
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGFR protein is labelled with His tag.

Product Details

Purpose:	Rabbit EGF R Protein, His Tag
Sequence:	Leu 25 - Ser 645
Characteristics:	Rabbit EGF R, His Tag (EGR-R52H7) is expressed from human 293 cells (HEK293). It contains AA Leu 25 - Ser 645 (Accession # G1SZE4-1).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	EGFR
Alternative Name:	EGF R (EGFR Products)
Background:	Synonyms:EGFR,ERBB,ERBB1,HER1,PIG61,mENA,Description:The epidermal growth factor receptor (EGFR, ErbB-1, HER1 in humans) is the cell-surface receptor for members of the epidermal growth factor family (EGF-family) of extracellular protein ligands. The epidermal

Target Details

	growth factor receptor is a member of the ErbB family of receptors, a subfamily of four closely related receptor tyrosine kinases: EGFR (ErbB-1), HER2/c-neu (ErbB-2), Her 3 (ErbB-3) and Her 4 (ErbB-4). Mutations affecting EGFR expression or activity could result in cancer.
Molecular Weight:	70.2 kDa
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

Application Notes:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 70.2 kDa. The protein migrates as 75-85 kDa under reducing (R) condition due to glycosylation.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	-20°C