

Datasheet for ABIN7482573 **EGFR Protein (Fc Tag)**



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Overview

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

Product Details

Purpose:	Mouse EGF R Protein, Fc Tag (MALS verified)
Sequence:	Leu 25 - Ser 647
Characteristics:	Mouse EGF R Protein, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Leu 25 - Ser 647 (Accession # Q01279-1).
Purity:	95 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	EGFR
Alternative Name:	EGF R (EGFR Products)
Background:	The epidermal growth factor receptor (EGFR, ErbB-1, HER1 in humans) is the cell-surface

Target Details

receptor for members of the epidermal growth factor family (EGF-family) of extracellular protein ligands. The epidermal 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: 95.7 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

Comment: This protein carries a human IgG1 Fc tag at the C-terminus. (Fc) The protein has a calculated MW of 95.7 kDa. The protein migrates as 110-130 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH 7.5

Storage: -20 °C

Storage Comment: -20°C