

Datasheet for ABIN7482329

EGFR Protein (APC,His tag)

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Overview

Quantity:	25 tests
Target:	EGFR
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGFR protein is labelled with APC,His tag.

Product Details

Purpose:	APC-Labeled Human EGF R Protein, His TagStar Staining
Sequence:	Leu 25 - Ser 645
Characteristics:	APC-Labeled Human EGF R Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Leu 25 - Ser 645 (Accession # P00533-1).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg

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 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

Target Details

	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:	82.9 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 polyhistidine tag at the C-terminus. (APC ,10xHis) The protein has a calculated MW of 82.9 kDa.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, 0.2 % BSA, pH 7.4
Storage:	-20 °C
Storage Comment:	-20°C, avoid light