

Datasheet for ABIN2669457

EGFR Protein (AA 672-1210, GST-His-Tag) (GST-His-Tag)



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1 Image

Overview

Quantity:	10 µg
Target:	EGFR
Protein Characteristics:	AA 672-1210, GST-His-Tag
Origin:	Human
Source:	Baculovirus
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This EGFR protein is labelled with GST-His-Tag.
Application:	Western Blotting (WB), Kinase Activity Assay (KAA)

Product Details

Characteristics:	Recombinant human EGFR protein was produced using baculovirus infected Sf9 cells. The protein was made against amino acids H672-A1210, accession number NM_005228 and N-terminally fused to GST-HIS6TagTagTag-Thrombin cleavage site. Purified by GSH-agarose affinity purification.
Purification:	Purified by GSH-agarose affinity purification.

Target Details

Target:	EGFR
Alternative Name:	EGFR (EGFR Products)
Pathways:	NF-kappaB Signaling , RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling

Target Details

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

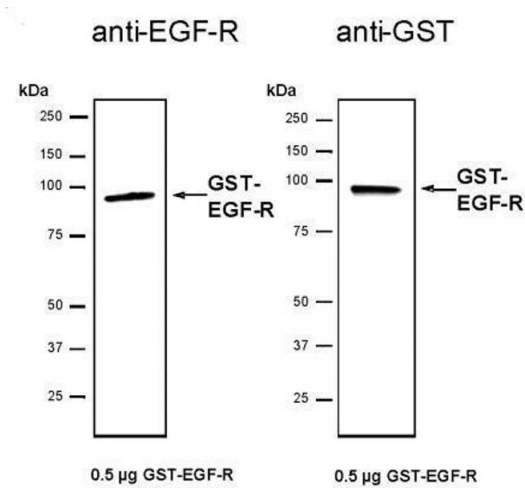
Application Notes: Recombinant EGFR is suitable for kinase assays and Western blot. The molecular weight of the protein is ~91.002 kDa. The activity of the protein is ~ 93 pmol/μg min. Recommended kinase reaction conditions: 60 mM HEPES-NaOH, pH 7.5, 3 mM MgCl₂, 3 mM MnCl₂, 3 μM Na-orthovanadate, 1.2 mM DTT, ATP (variable), 2.5 μg/50 μL PEG20.000, Substrate: PolyEY 10 μg/50 μL, Recombinant EGFR: 40 ng/50 μL. Kinase activity may vary depending on the substrate and reaction conditions used.

Restrictions: For Research Use only

Handling

Concentration: 0.238 μg/μL

Images



Western Blotting

Image 1. Recombinant EGFR protein tested by SDS-PAGE gel. 0.5 μg of EGFR protein was analyzed using SDS/PAGE followed by Western blot with either an anti-EGFR or anti-GST antibody.