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Datasheet for ABIN2669460

FAK Protein (AA 2-1052, GST-His-Tag) (GST-His-Tag)

Overview

Quantity:	10 µg
Target:	FAK (PTK2)
Protein Characteristics:	AA 2-1052, GST-His-Tag
Origin:	Human
Source:	Baculovirus
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FAK protein is labelled with GST-His-Tag.
Application:	Western Blotting (WB), Kinase Activity Assay (KAA)

Product Details

Characteristics:	Recombinant human FAK protein was produced using baculovirus infected Sf9 cells. The protein was made against amino acids A2-H1052, accession number L13616 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:	FAK (PTK2)
Alternative Name:	FAK (PTK2 Products)
Pathways:	Response to Growth Hormone Stimulus , CXCR4-mediated Signaling Events , Smooth Muscle

Target Details

Cell Migration, Signaling of Hepatocyte Growth Factor Receptor, VEGF Signaling

Application Details

Application Notes: Recombinant FAK is suitable for kinase assays and Western blot. The molecular weight of the protein is ~145.394 kDa. The activity of the protein is ~ 1.5 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 0.5 μg/50 μL, Recombinant FAK: 200 ng/50 μL. Kinase activity may vary depending on the substrate and reaction conditions used.

Restrictions: For Research Use only

Handling

Concentration: 0.135 μg/μL