

Recombinant Human FAK (N-GST tag)

Cat No:HR2R1377

For research use only

Overview

Quantity	10 ?g
Gene Symbol	FAK
Gene ID	N/A
Accession	BC035404
Alternative Name	PTK2; FADK; FAK1; FRNK; pp125FAK
Species	Human
Source	Insect cells
Description	?FAK (Focal Adhesion Kinase) is a non-receptor protein tyrosine kinase involved in signal transduction from integrin-enriched focal adhesion sites that mediate cell contact with the extracellular matrix. FAK-enhanced signals have been shown to mediate the survival of anchorage-dependent cells and are critical for efficient cell migration in response to growth factor receptor and integrin stimulation . Elevated expression of FAK in human tumors has been correlated with increased malignancy and invasiveness . Elevated FAK expression in anaplastic astrocytoma and glioblastoma tumor biopsy samples has been demonstrated.
Functions	The specific activity of FAK was determined to be 28 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	140
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.