

Recombinant Human FAK (N-His tag)

Cat No:HR2R1378

For research use only

Overview

Quantity	10 ?g
Gene Symbol	FAK
Gene ID	N/A
Accession	NM_153831
Alternative Name	PTK2, FADK, FAK1, 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 230 nmol /min/mg as per activity assay protocol.
Formulation	50mM NaPhosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.2mM DTT, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	35
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.