

**Product:** FAK, active  
**Catalog #:** 02-2073  
**Amount:** 5 µg

**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.  
The gene accession number is **NM153831**  
Gene Aliases: PTK2, FADK, FAK1, pp125FAK

**SOURCE:** Recombinant human FAK (393-698) was expressed in Sf9 insect cells using an N-terminal His tag

**MOLECULAR WEIGHT:** 35kDa

**PURITY:** > 75% (by densitometry)

**FORM:** Purified, in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol

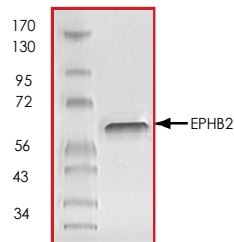
**CONCENTRATION:** 0.1 mg/ml

**SPECIFIC ACTIVITY:** 43 nmol/mim/mg

**STORAGE:** -70°C (aliquot). AVOID repeated Freeze/thaw cycles

**REFERENCE:**

1. Schaller, M D.: Biochemical signals and biological responses elicited by the focal adhesion kinase. Biochim Biophys Acta. 2001 Jul 25; 1540 (1):1-21
2. Gabarra-Niecko, V. et al: FAK regulates biological processes important for the pathogenesis of cancer. Cancer Metastasis Rev. 2003 Dec;22(4):359-74



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