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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

FAK, GST-tag

Human, recombinant, N-terminal GST tag
Catalog #: 40420
Lot#: 140513-B **Conc.:** 0.25 mg/ml

Formulated in: 25 mM Tris-HCl pH 8.0,
 100 mM NaCl, 0.05% Tween-20, 3 mM DTT
 and 50% glycerol.

Stability: At least 6 months at -80°C . Avoid
 freeze/thaw cycles.

References:

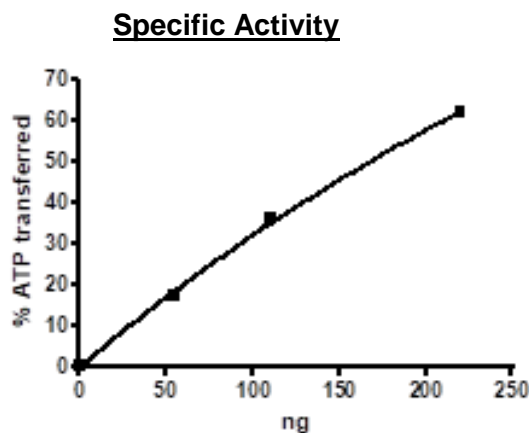
1. Lim, ST. *et al.*, *Mol Cell*. 2008 Jan 18;
29(1):9-22.
2. Gabarra-Niecko, V. *et al.*, *Cancer
 Metastasis Rev*. 2003 Dec; **22(4):**359-74.

Description: Human FAK, also known
 as Protein Tyrosine Kinase, Focal
 Adhesion Kinase 1, and PTK2, GenBank
 Accession No. L13616, a.a. 411-686,
 with N-terminal GST tag, expressed in a
 Baculovirus infected Sf9 cell expression
 system, MW=62 kDa.

Specific Activity: 80 pmole/min/ μg
Assay Conditions: 40 mM Tris-HCl pH
 7.4, 20 mM MgCl₂, 0.1 mg/mL BSA and
 0.2 mM DTT using 0.2 mg/ml Poly-
 (Glu4:Tyr)-biotin substrate and 20 mM
 ATP. Reaction was done at 30°C for 40
 min. Amount of ATP transferred was
 calculated using Kinase-Glo reagent
 from Promega.

Application: Useful for the study of
 enzyme kinetics, screening inhibitors,
 and selectivity profiling.

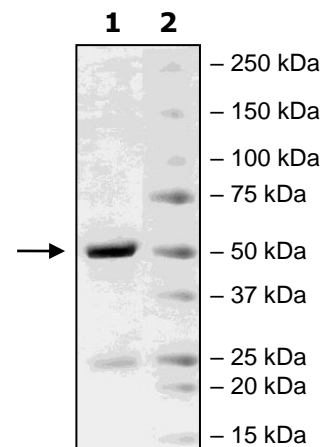
Quality Assurance



**4-20% SDS-PAGE
 Coomassie
 staining**

Lane 1:
 2 μg FAK
Lane 2:
 Protein Marker

MW: 62 kDa
Purity: $\geq 89\%$



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