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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

cKit (D816V), His-Tag

Human, recombinant, N-terminal His-tag

Catalog #: 40252

Lot#: 110831

Conc.: 0.28 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0,
 110 mM NaCl, 2.2 mM KCl, 200 mM
 Imidazole, 3mM DTT, and 20% Glycerol.

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

References:

- Schumaker, J.A., *et al.* (2008) *J. Clin. Pathol.* **61**:109-114
- Sun, J. *et al.* (2009) *J. Biol. Chem.* **284**:
 11039-11047.

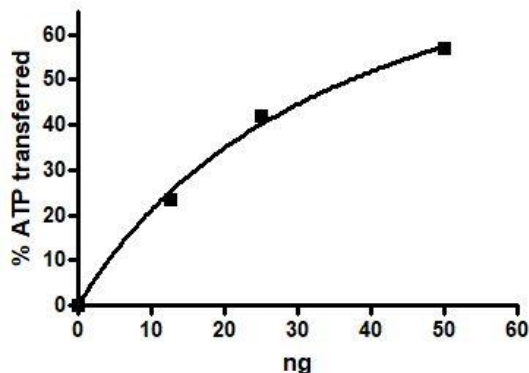
Description: Human cKit with D816V substitution, GenBank Accession No. NM_000222, a.a. 544-end with N-terminal His- tag, expressed in a Baculovirus infected Sf9 cell expression system. MW=53 kDa.

Specific Activity: 473 pmol/min/ μg .
 Assay conditions: 40 mM Tris-HCl pH 7.4,
 20 mM MgCl_2 , 0.1 mg/mL BSA and 1 mM
 DTT using 0.2 mg/ml Poly-(Glu4:Tyr)-biotin
 substrate and 20 μM ATP. Reaction was
 done at 30°C for 30 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

Specific Activity:



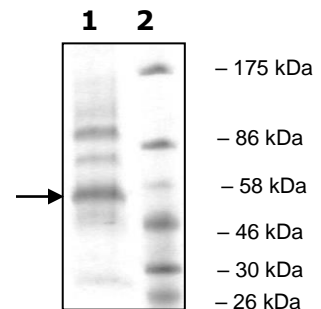
10% SDS-PAGE
Coomassie staining

Lane 1:
 4.2 μg cKit(D816V)

Lane 2:
 Protein Marker
 BioLabs (#P7708L)

MW: 53 kDa

Purity: $\geq 32\%$



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