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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

Abl-1

Human, recombinant, N-terminal His-tag

Catalog #: 40411

Lot #: 130412

Conc: 0.37 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 3 mM DTT, 200 mM Imidazole, and 20% glycerol.

Stability: >6 months at -80°C

References:

1. Cao, C., *et al.* 2003. *J. Biol. Chem.* **278(15)**: 12961-7.
2. Yano, H., *et al.* 2000. *J. Neurosci. Res.* **59(3)**: 356-364.

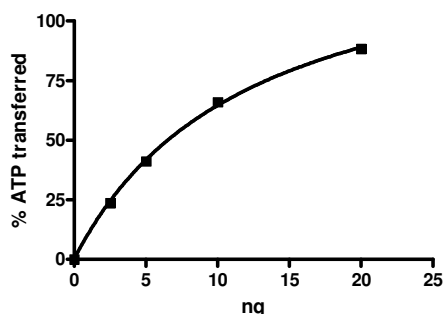
Description: Human Abelson murine leukemia viral oncogene homolog 1 (Abl-1) (GenBank Accession No. NM_007313), amino acids 248-531, with N-terminal His-tag, MW = 33 kDa, expressed in a Baculovirus-infected Sf9 cell expression system.

Specific Activity: 2,700 pmoles/min/µg. Assay was done in Kinase buffer containing 0.2 mM DTT using Abltide substrate (0.2 mg/ml) and 20 mM ATP. Reaction was done at 30°C for 30 min. Amount of ATP transferred was calculated using Kinase-Glo[®] reagent (Promega)

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

Quality Assurance

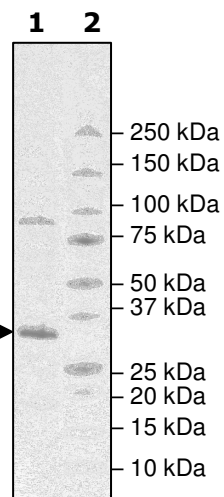
Abl-1 Specific Activity



4-20% SDS-PAGE Coomassie staining

Lane 1:
2.5 µg
Lane 2:
Protein Marker

MW: 33 kDa
Purity: ≥65%



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