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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

TTBK1, GST-Tag, His-Tag

Human, Recombinant, N-terminal GST-Tag,
C-terminal His-Tag
Catalog #: 40309
Lot #: 170119-HG **Conc:** 0.24 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween20, 20% glycerol, 2 mM glutathione

Stability: At least 6 months at -80°C . *Avoid freeze/thaw cycles. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).*

References:

1. Sato, S., *et al.*, *Journal of Neurochemistry*. 2006; **98(5)**: 1573-1584.
2. Yu, N., *et al.*, *Neuroscience Letters*. 2011; **491(1)**: 83-86.

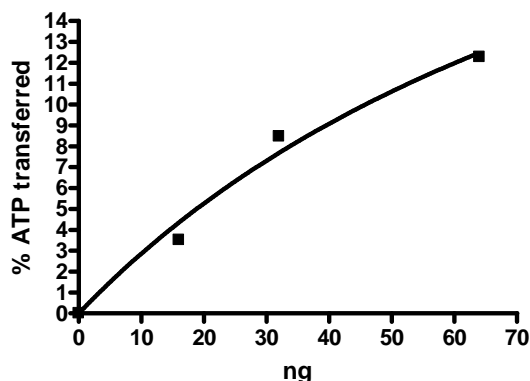
Description: Human TTBK1 protein, also known as Tau-tubulin kinase-1, GenBank Accession No. NM_032538, a.a. 1-479, with N-terminal GST-tag and C-terminal His-tag. MW = 81 kDa, expressed in Sf9 cells via a baculovirus expression system.

Assay Conditions: Assay was done in a Kinase buffer using MBP (0.1 mg/ml) as a substrate with 20 μM ATP at 30°C for 45 min. The 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

Specific Activity

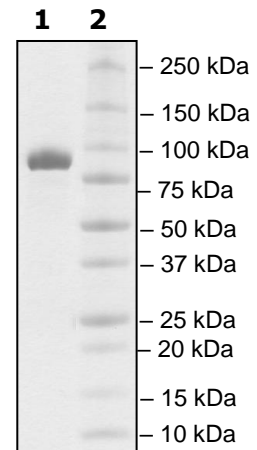


4-20% SDS-PAGE Coomassie staining

Lane 1:
TTBK, GST-Tag,
His-Tag

Lane 2:
Protein Marker

MW: 81 kDa
Purity: $\geq 90\%$



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