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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

TYRO3, GST-Tag

Human, Recombinant, N-terminal GST-Tag

Catalog #: 40293

Lot #: 170427-3

Conc.: 0.48 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween20, 20% glycerol, 1.6mM Glutathione

Stability: Store product 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. Angelillo-Scherrer, A. *et al. Clin Invest.* 2005; **115**: 237-246.
2. Liao, X., *et al. Mammalian Genome.* 1996; **7**: 395-396.

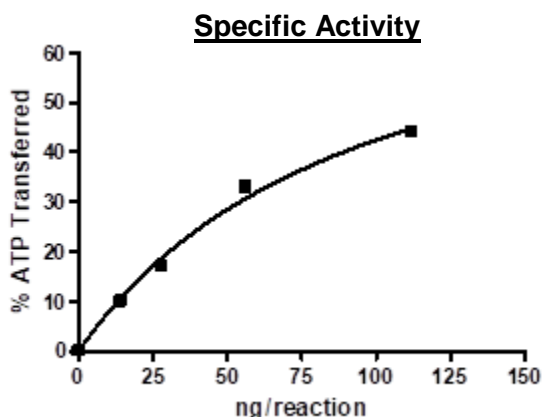
Description: Human TYRO3, also known as BYK, DTK, and TYRO3 protein tyrosine kinase, GenBank Accession No. NM_006293, a.a. 455-890 (end), MW= 74 kDa, expressed in SF9 insect cells.

Specific Activity: 140 nmol/min/mg
 Assay Conditions: Assay was done in Kinase buffer containing 2 mM DTT using Poly-(Glu4:Tyr) substrate (0.2 mg/ml) and 20 μM ATP. Reaction was done at 30°C for 45 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



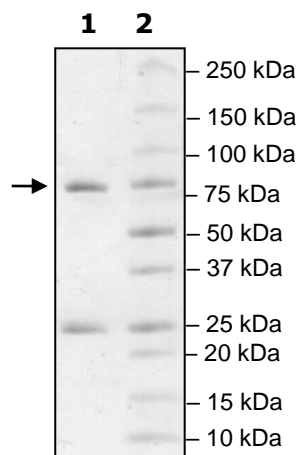
**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
TYRO3(455-e)

Lane 2:
Protein Marker

Purity: $\geq 55\%$

MW: 74 kDa



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