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Zuschläge

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- Trockeneiszuschlag
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- Expressversand

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Data Sheet

TNKS1 (PARP5A), GST-tag

Human, recombinant, N-terminal GST-tag

Catalog #: 80504

Lot #: 131030

Conc.: 0.37 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 16 mM glutathione, 20% glycerol, and 3 mM DTT

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. Chang S. (2010). *Aging* (Albany NY). **2(10)**:639-42.
2. Karner, C.M. *et al.* (2010). *Dev Dyn*. **239(7)**:2014-23.
3. McCabe, N, *et al.* (2009). *Oncogene*. **28(11)**:1465-70.

Description:

TNKS1 (TRF1-interacting ankyrin-related ADP-ribose polymerase 1), also known as PARP5A, TANK1, or tanykyrase-1 (GenBank Accession No. NM_003747), a.a. 1001-1327(end), with N-terminal GST-tag, MW=62.5 kDa, expressed in Sf9 cells via a baculovirus expression system.

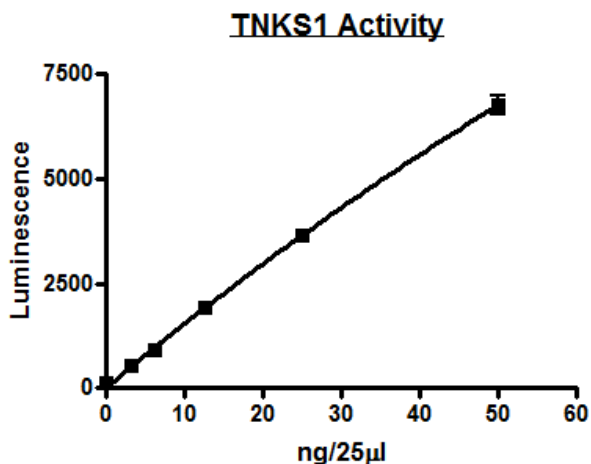
Assay Conditions:

Enzyme reaction was conducted following the protocol for BPS Bioscience TNKS1 Histone Ribosylation Assay Kit (Biotin-labeled NAD⁺), Catalog # 80573.

Application:

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

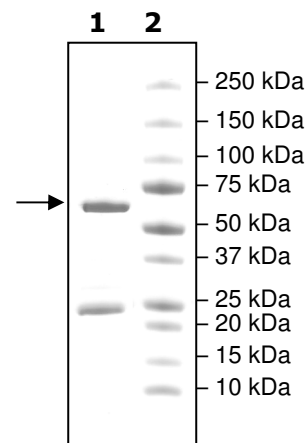
Quality Assurance



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

Lane 1:
2.6 µg TNKS1
Lane 2:
Protein Marker

MW: 62.5 kDa
Purity: ≥70%



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