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Data Sheet

TNKS2 (849-end)(PARP5B)

Human, recombinant, N-terminal GST-tag

Catalog #: 80515

Lot #: 141215-G

Conc.: 0.24 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 Mm KCl, 6 mM glutathione, 0.02% Tween-20, 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. Cook, B.D. *et al.* (2002). *Mol. Cell. Biol.* **22**(1): 332–42.
2. Kaminker PG, *et al.* (2001). *J. Biol. Chem.* **276** (38): 35891–9.
3. Sidorova N, *et al.* (2006). *Cell Tissue Res.* **323** (1): 137–45.

Description:

TNKS2 (TRF1-interacting ankyrin-related ADP-ribose polymerase 2), also known as PARP5B, TNKL, or tankyrase-2 (GenBank Accession No. NM_025235), a.a. 849-1166(end), with N-terminal GST-tag, MW=62 kDa, expressed in Sf9 cells via a baculovirus expression system.

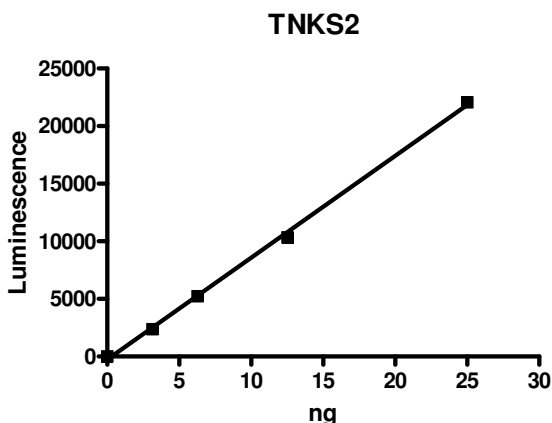
Assay Conditions:

Enzyme reaction was conducted following the protocol for BPS Bioscience TNKS2 Histone Ribosylation Assay Kit (Biotin-labeled NAD⁺), Catalog # 80578.

Application:

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

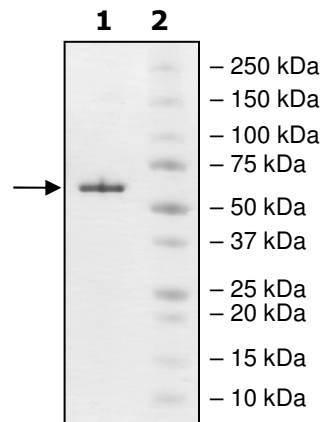
Quality Assurance



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

Lane 1:
2 μg TNKS2
Lane 2:
Protein Marker

MW: 62 kDa
Purity: $\geq 90\%$



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