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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

SET8

Human, recombinant, N-terminal GST tag

Catalog #: 51008

Lot#: 130122

Conc.: 2.1 mg/ml

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

Stability: >6 months at -80 °C

References:

1. Fang, J. *et al.*, *Curr. Biol.* **12 (13)**, 1086-1099 (2002).
2. Yin, Y. *et al.*, *Cell Cycle* **7 (10)**, 1423-1432 (2008).

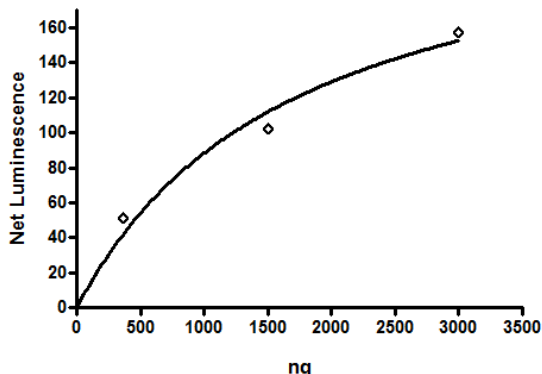
Description: Human SET8 (GenBank Accession No. NM_020382), (amino acids 195-352) with N-terminal GST tag, MW = 44 kDa, expressed in an *E. coli* expression system.

Assay Conditions: 50 µl reaction mix (50 mM Tris, pH 8.8, 1 mM EDTA, 1 mM DTT, 40 µM S-adenosylhomocysteine, and 0-6 µg SET8. Add to the wells coated with the substrate. Incubate for 2 hr. Add antibody against methylated residue of histone H4, incubate 1 hr. Then, add secondary HRP-labeled antibody and incubate 30 min. Finally, add HRP chemiluminescent substrates and read luminescence.

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

Quality Assurance

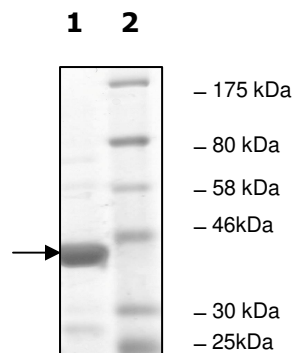
Specific Activity



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

Lane 1:
 7.5 µg SET8
Lane 2:
 Protein Marker

Purity: ≥84%



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