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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

SUV39H2

Human, recombinant, N-terminal GST tag

Catalog #: 51080

Lot#: 110331 Conc.: 0.39 mg/ml

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

Stability: >6 months at -80°C

References:

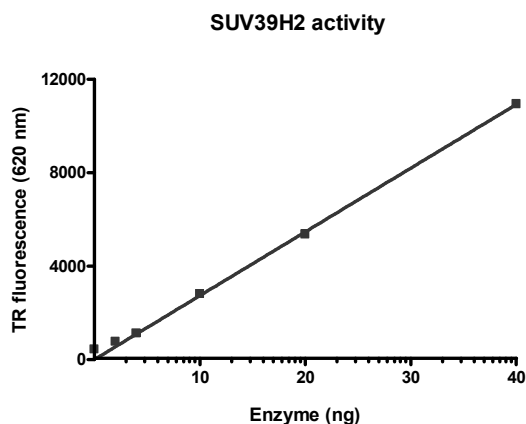
1. Yoon, K.A. et al., Carcinogenesis **27** (11), 2217-2222 (2006).
2. Frontelo, P. et al., Oncogene **23** (30), 5242-5251 (2004).

Description: Human SUV39H2 (GenBank Accession No. NM_024670), amino acids 26-350, with N-terminal GST tag, MW= 63 kDa, expressed in E.coli expression system.

Specific Activity: 38 pmol/min/mg
 Assay conditions: 50 µl reaction mix (50 mM TRIS pH8.8, 5 mM MgCl₂, 4 mM DTT, 20 µM S-adenosylmethionine, and 0-40 ng SUV39H2) add to the wells coated with the substrate. Incubate for 1 hr. Add antibody against methylated K9 residue of histone H3, incubate 1 hr. Finally, incubate 1h with the Europium-labeled secondary antibody. Time resolved fluorescence measured at room temperature (λ_{exc}=330 nm, λ_{em}=620 nm).

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

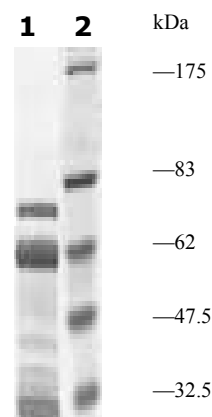
Quality Assurance



**10% SDS-PAGE
 Coomassie staining**

Lane 1:
 8 µg SUV39H2
Lane 2:
 Protein Marker
 BioLabs (#P7708L)

MW: 63 kDa
Purity: ≥28.5%



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