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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Data Sheet

PRMT1

Human, recombinant, N-terminal GST tag

Catalog #: 51040

Lot#: 110915 Conc.: 0.13 mg/ml

Formulated in: 40mM Tris pH 8.0, 110mM NaCl, 2.2mM KCl, 0.04% Tween, 20% Glycerol, 3mM DTT.

Stability: >6 months at -80°C

References:

1. Le Romancer, M. *et al.*, *Mol. Cell* **31** (2), 212-221 (2008)
2. Fronz, K. *et al.*, *J. Biol. Chem.* **283** (29), 20408-20420 (2008)

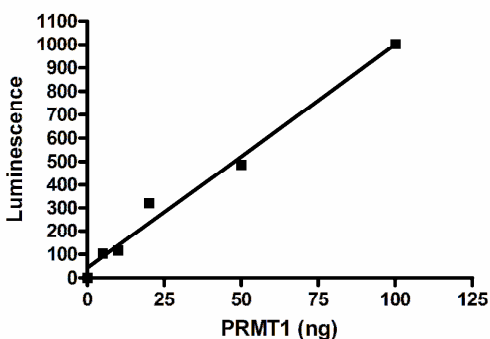
Description: Human PRMT1 (GenBank Accession No. NM_001536), amino acids 2-end, with N-terminal GST tag, MW= 68 kDa, expressed in an *E. coli* expression system.

Specific Activity: 0.52 pmol/min/ug.

Assay conditions: 50 µl reaction mix (20 mM phosphate buffer pH7.4, 20 µM S-adenosyl methionine, and 1-5 ng methyltransferase PRMT1) add to the wells coated with the substrate. Incubate at room temperature for 1 hr. Add antibody against methylated R3 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

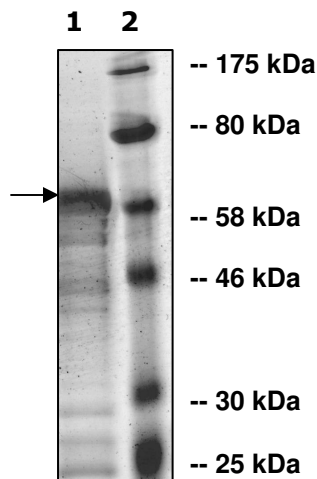


10% SDS-PAGE Coomassie staining

■ Lot 110316G

Lane 1:
1.5 µg PRMT1
Lane 2:
Protein Marker
BioLabs (#P7708L)

MW: 68 kDa
Purity: ≥49%



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