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Zuschläge

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Data Sheet

PRMT8

Human, recombinant, N-terminal His-FLAG-tag

Catalog #: 51052

Lot#:110727HEFE **Conc.:** 0.43 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 80 ug/ml flag peptide, 3mM DTT, 20% Glycerol.

Stability: >6 months at -80 °C

References:

1. Bedford MT., *et al.* J Biol Chem. 2007 Dec 14;**282(50)**:36444-53.
2. Taneda T., *et al* Brain Res. 2007 Jun 25;1155:1-9.

Description:

Human PRMT8 (protein arginine methyltransferase 8), GenBank Accession No. NM_019854, a.a. 61-394(end) with N-terminal His-FLAG-tag, MW=40.8 kDa, expressed in Sf9 cells using a Baculovirus expression system.

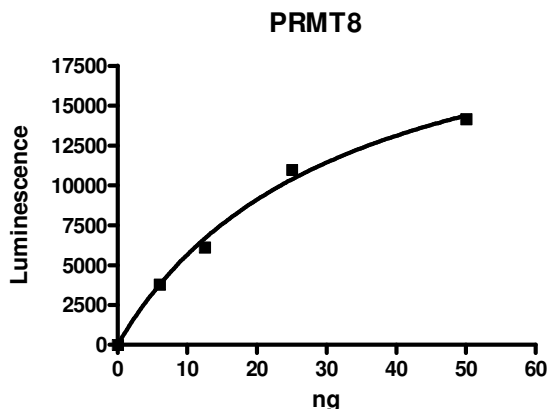
Specific Activity 2.22 pmol/min/mg.

Assay Conditions: 50 µl reaction mix (20 mM phosphate buffer pH7.4, 20 µM S-adenosyl methionine, and 1-5 ng methyltransferase PRMT8) added to the wells coated with the substrate. Incubate at RT for 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



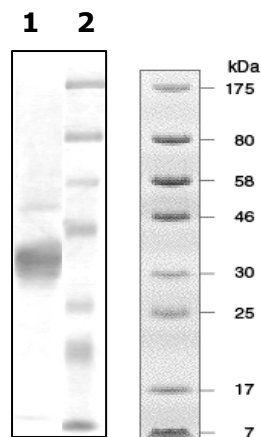
10% SDS-PAGE Coomassie staining

Lane 1:
4ug PRMT8

Lane 2:
Protein Marker
BioLabs (#P7708L)

MW: 40.8 kDa

Purity: ≥92%



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