

PRMT9 recombinant protein

Recombinant PRMT9 protein

CATALOG #
AAA60362

HOST
Baculovirus

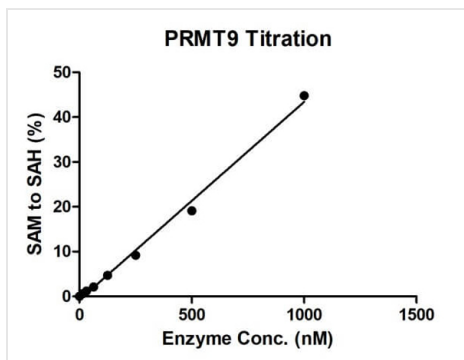
PRODUCT SYNONYMS

PRMT9; Recombinant PRMT9 protein; Protein arginine N-methyltransferase 9; ANM9; HCP9; PRMT9 recombinant protein

PRODUCT SPECIFICATIONS

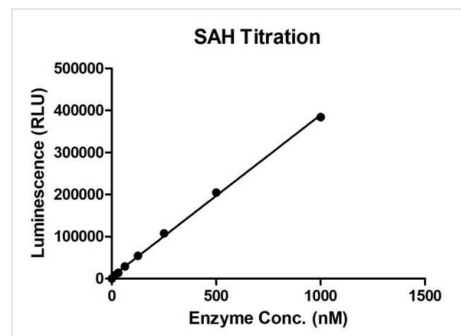
Host	Baculovirus
Form/Format	Recombinant PRMT9 protein is supplied in 25 mM HEPES-NaOH pH 7.5, 300 mM NaCl, 20% glycerol, 0.04% Triton X-100 and 0.5 mM TCEP.
Protein Species	Human
Protein Details	Recombinant PRMT9 protein that includes full length of human PRMT9 protein (accession number NP_612373.2) was expressed in a baculovirus expression system, and contains an N-terminal DYKDDDDK tag. The molecular weight of the protein is 95.77kDa.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

IMAGES



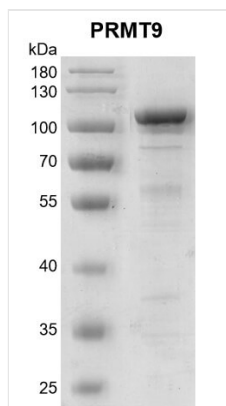
Application Data

MTase-Glo assay for PRMT9 activity 1uM histone H4 was incubated with different concentrations of PRMT9 protein in 8ul reaction system containing 50 mM Tris-HCl pH 8.6, 0.02% Triton X-100, 2 mM MgCl₂, 1 mM TCEP, 1?M SAM at room temperature for 1 hour. 5xMTase-Glo Reagent was added to the products and incubated for 30 min. Then MTase-Glo Detection was added, and luminescence was read after another 30 min incubation. SAH standard curve (0-1uM) was performed following the same protocol.



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SDS-PAGE

Recombinant PRMT9 protein 10% SDS-PAGE Coomassie staining MW: 95.77kDa Purity: >=90%

ADDITIONAL INFORMATION

Related Product Information for PRMT9 recombinant protein	PRMT9 (Protein arginine N-methyltransferase 9) is a member of the protein arginine N-methyltransferase (PRMT) family capable of monomethylating and asymmetrically dimethylating arginine residue in proteins such as ESR1, histone H2, H3 and H4, PIAS1, HNRNPA1, HNRNPD, NFATC2IP, SUPT5H, TAF15 and EWS.PRMT9 can both catalyze the formation of omega-N monomethylarginine (MMA) and symmetrical dimethylarginine (SDMA). Specifically mediates the symmetrical dimethylation of SF3B2. Involved in the regulation of alternative splicing of pre-mRNA.
Product Categories/Family for PRMT9 recombinant protein	Histone Methyltransferase (HMT) ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

Molecular Weight	95.77kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/prmt9-recombinant-protein-baculovirus/60362>