

PRMT8 recombinant protein

PRMT8, Active

CATALOG # AAA73073	HOST Sf9 insect cells using baculovirus	APPLICATIONS Methyltransferase Assay
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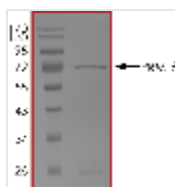
PRODUCT SYNONYMS

PRMT8; Active; PRMT8 recombinant protein

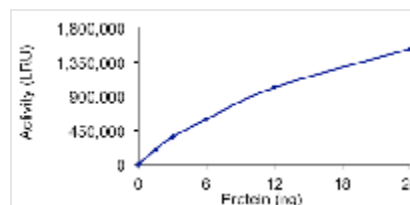
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	Full length
Sequence Length	2024
Applicable Applications for PRMT8 recombinant protein	Methyltransferase Assay
Species	Human
Tag	HIS tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for PRMT8 recombinant protein	Description: Full-length recombinant human PRMT8 was expressed by baculovirus in Sf9 insect cells using an N-terminal His tag. Scientific Background: PRMT8 (protein arginine methyltransferase 8), an arginine methyltransferase that exhibits type I PRMT activity, catalyzing the formation of omega-NG-monomethylated and asymmetrically omega-NG, NG-dimethylated arginine residues. Its N-terminal end harbors a myristoylation motif, and the myristoylation results in its association with the plasma membrane. Unlike other members of PRMTs, it is largely expressed in the brain. It was also found that the N-terminal domain may function as an autoregulator that may be displaced by interaction with one or more physiological inducers.
Product Categories/Family for PRMT8 recombinant protein	Enzymes; Active Methyltransferases

References	1. Lee J, et al: PRMT8, a new membrane-bound tissue-specific member of the protein arginine methyltransferase family. J Biol Chem 280 (38):32890-6. 2005. 2. Sayegh J, et al: Regulation of protein arginine methyl-transferase 8 (PRMT8) activity by its N-terminal domain. J Biol Chem. 282 (50):36444-53, 2007.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18490668
NCBI GeneID	56341
Molecular Weight	74 kDa
NCBI Official Full Name	Homo sapiens protein arginine methyltransferase 8, mRNA
NCBI Official Synonym Full Names	protein arginine methyltransferase 8
NCBI Official Symbol	PRMT8
NCBI Official Synonym Symbols	HRMT1L3; HRMT1L4
NCBI Protein Information	protein arginine N-methyltransferase 8
UniProt Protein Name	Protein arginine N-methyltransferase 8
UniProt Gene Name	PRMT8
UniProt Synonym Gene Names	HRMT1L3; HRMT1L4

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/prmt8-recombinant-protein-sf9-insect-cells-using-baculovirus-methyltransferase-assay/73073>