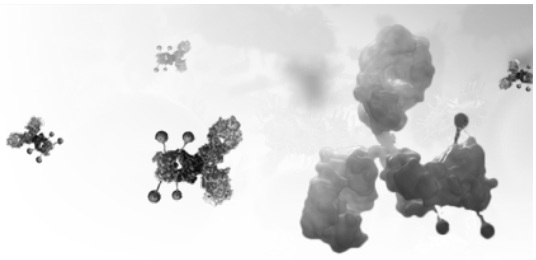

Human PRMT8 peptide (DAG-P1889)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Arginine methylation is a widespread posttranslational modification mediated by arginine methyltransferases, such as PRMT8. Arginine methylation is involved in a number of cellular processes, including DNA repair, RNA transcription, signal transduction, protein compartmentalization, and possibly protein translation (Lee et al., 2005 [PubMed 16051612]).[supplied by OMIM, Mar 2008]
Specificity	Brain-specific.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the protein arginine N-methyltransferase family. PRMT8 subfamily.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PRMT8 protein arginine methyltransferase 8 [Homo sapiens (human)]
Official Symbol	PRMT8
Synonyms	PRMT8; protein arginine methyltransferase 8; HRMT1L3; HRMT1L4; protein arginine N-methyltransferase 8; HMT1 hnRNP methyltransferase-like 3; protein arginine N-methyltransferase 4; heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 4;

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Entrez Gene ID	56341
mRNA Refseq	NM_001256536.1
Protein Refseq	NP_001243465.1
UniProt ID	Q9NR22
Chromosome Location	12p13.3
Function	S-adenosylmethionine-dependent methyltransferase activity; histone methyltransferase activity (H4-R3 specific); histone-arginine N-methyltransferase activity; identical protein binding; protein binding; protein heterodimerization activity; protein homodim

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