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Datasheet for ABIN1634123  
**PRMT7 Protein (AA 1-693) (His tag)**

### Overview

Quantity:	1 mg
Target:	PRMT7
Protein Characteristics:	AA 1-693
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRMT7 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence: MKVFCGRANP TTGSLEWLEE DEHYDYHQEI ARSSYADMLH DKDRNIKYYQ GIRAAVSRVK  
DKGQKALVLD IGTGTGLLSM MAVTAGADFC YAVEVFKPMA EAAVKIVEKN GFSDKIKVIN  
KHSTEVTVGP DGDLP CRANI LVTELFDEL IGEGALPSYE HAHKHLVQED CEAVPHRATV  
YAQLVESKRM WSWNKLFPVR VQTGLGEQLI IPPSELERCP GAPSVYDIQL NQVSPADFTV  
LSDVLPMSV DFSKQVSSA ACHSKQFVPL ASGQAQVLS WWDIEMDPEG KIKCTMAPFW  
AQTDPQELQW RDHWMQCVYF LPQEEPIMQG SPRCLAAHHD DYCWWYSLQR TSPDENNSAY  
QVRPVCDCQA HLLWNRPRFG EINDQDRTDH YARALRTMLM PGSICLCVSD GSLLSVLAHH  
LGAEQVFTVE SSVASYRLMK RIFKVNLED KITVINKRPE LLTSADLEGK KVSLLLGEPP  
FTTLLPWHN LYFWYVRTSV DQHLAPGAVV MPQAASLHAV IVEFRDLWRI RSPCGDCEGF  
DVHIMDDMIK HSLDFRESRE AEPQPLWEYP CRSLSEPRQI LTFDFQQPIP QQPMQSRGVM  
ELRRPGKSHG AVLWMEYQLT PDSTVSTGLM NPAEDKGDCC WNPCHKQAVY FLSATLDPSA  
PLDGPQSVSY AVEFHPLTGD ITMEFRLADD TLN

## Product Details

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Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

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Target:	PRMT7
Alternative Name:	Protein arginine N-methyltransferase 7 (Prmt7) ( <a href="#">PRMT7 Products</a> )
Background:	Recommended name: Protein arginine N-methyltransferase 7. EC= 2.1.1.-. Alternative name(s): Histone-arginine N-methyltransferase PRMT7. EC= 2.1.1.125 [Myelin basic protein]-arginine N-methyltransferase PRMT7. EC= 2.1.1.126
UniProt:	<a href="#">Q5U4E8</a>
Pathways:	<a href="#">Ribonucleoprotein Complex Subunit Organization</a>

## Application Details

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Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Concentration:	0.2-2 mg/mL

## Handling

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Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.