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Datasheet for ABIN1631687

## RNMT Protein (AA 1-476) (His tag)

### Overview

Quantity:	1 mg
Target:	RNMT
Protein Characteristics:	AA 1-476
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNMT protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MANSTKAEFY EKMSVEQAKA SVNSEAESSF SINENTTASG TGLSGKTSVC RQVDTARKRK</p> <p>EFEDDLVKES SSCGEGTPSK KRKLDPEIVP EEKDCGDDEG NSKKRKRETE DVPKDEYSTG</p> <p>DGTQNKRKIA LEDVPEKQKN LEEGHSSAVA AHYNELQEVG LEKRSQSRIF YLRNFNNWMK</p> <p>SVLIGEFLEK VRQKKKRDIT VLDLGCCKGG DLLKWKKGRI NKLVTCTDIAD VSIKQCQQR</p> <p>EDMKNRRDSE YIFSAEFITA DCSKELLIEK FRDPQMCDFI CSCQFVCHYS FESYEQADMM</p> <p>LRNACERLSP GGYFIGTTPN SFELIRRLA SETESFGNEI YTVKFQKKG YPLFGCKYDF</p> <p>NLEGVVDVPE FLVYFPLLNE MAKKYNMMLV YKKTFLFYE EKIKNENKM LLKRMQALEP</p> <p>YPANESSKLV SERVDDYEHA AKYMKNSQVK LPLGTLKSE WEATSIYLVF AFEKQQ</p>
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: RNMT

Alternative Name: mRNA cap guanine-N7 methyltransferase (RNMT) ([RNMT Products](#))

Background: Recommended name: mRNA cap guanine-N7 methyltransferase.  
EC= 2.1.1.56.  
Alternative name(s): RG7MT1 mRNA (guanine-N(7)-)-methyltransferase mRNA cap methyltransferase

UniProt: [Q4R7K1](#)

## 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

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

## Handling

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.