



[Go to Product page](#)

Datasheet for ABIN1641826

TRMT1 Protein (AA 1-432) (His tag)

Overview

Quantity:	1 mg
Target:	TRMT1
Protein Characteristics:	AA 1-432
Origin:	Encephalitozoon cuniculi
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRMT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MESKDGARET ISEESTVITK NEWTFFNPAQ KFNRDISEV VKECFKDRAS IRVLDAMSAT</p> <p>GLRGIRYLKE IGNSIVYLND ISQSSVDTIR SNVLLNGIED AEYFGSDLQG IKESGNARAN</p> <p>VVKSDCNVLM TSLPCFFDVI DIDPFGSCSE YIDSALRAIR HKGILCLTAT DKGVLCSNER</p> <p>KCLIKYSTSI MKGMGMNEVP LRTIVSLVSR QASKFDCSVE PVMSLSIDFY VRIFLRIVRR</p> <p>NPRSVVERNS HVLNMCVCHNL AEIRSGQREI DSRCSNCSRR MRLCGPFWNG PLHDVKVIQG</p> <p>VLGGMNGGNK RLLGILRYLE QEIPTMFYYE IPRLCSLGI STIKQSRLMH ALANMGYQVS</p> <p>YTHSELNAIK TNAPIASINK VLILSGAGDQ ERMEELGVEF NGNEGKALE SIEFFKGLLK</p> <p>SGMGPLPLPR KH</p>
Specificity:	Encephalitozoon cuniculi (strain GB-M1) (Microsporidian parasite)
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

Purity: > 90 %

Target Details

Target: TRMT1

Alternative Name: tRNA (guanine (26)-N (2))-dimethyltransferase (TRM1) ([TRMT1 Products](#))

Background: Recommended name: tRNA (guanine(26)-N(2))-dimethyltransferase.
EC= 2.1.1.216.
Alternative name(s): tRNA 2,2-dimethylguanosine-26 methyltransferase tRNA(guanine-26,N(2)-N(2)) methyltransferase tRNA(m(2,2)G26)dimethyltransferase

UniProt: [Q8SR99](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

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

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

Handling

Storage: -20 °C

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