

Datasheet for ABIN7586727

## TRM82 Protein (AA 1-444) (His tag)



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### Overview

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Quantity:                     | 100 µg                                       |
| Target:                       | TRM82                                        |
| Protein Characteristics:      | AA 1-444                                     |
| Origin:                       | Saccharomyces cerevisiae                     |
| Source:                       | Yeast                                        |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This TRM82 protein is labelled with His tag. |
| Application:                  | ELISA                                        |

### Product Details

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|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | MSVIHPLQNL LTRDGLSLVF AIIKNCILSF KYQSPNHWEF AGKWSDDFDK IQESRNTTAK<br>EQQGQSSENE NENKKLKSNNK GDSIKRTAAK VPSPGLGAPP IYSYIRNLRL TSDESRLIAC<br>ADSDKSLLVF DVDKTSKNVL KLRKRFCFSK RPNASIAED DTTVIIADKF GDVYSIDINS<br>IPEEKFTQEP ILGHVSMLTD VHLIKDSDGH QFIITSDRDE HIKISHYPQC FIVDKWLFGH<br>KHFVSSICCG KDYLLLSAGG DDKIFAWDWK TGKNLSTFDY NSLIKPYLND QHLAPPRFQN<br>ENNDIIEFAV SKIIKSKNLP FVAFFVEATK CIIILEMSEK QKGDALALKQI ITPYNNVISL SAHNDEFQVT<br>LDNKESGQVQ KNFAKFIEYN LNENSFVNN EKSNEFDSA I QSVQGDSNL VTKKEEIYPL<br>YNVSSLRKHG EHYS |
| Specificity:     | Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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: TRM82

Alternative Name: tRNA (guanine-N (7)-)-methyltransferase subunit TRM82 ([TRM82 Products](#))

Background: Recommended name: tRNA (guanine-N(7)-)-methyltransferase subunit TRM82.  
Alternative name(s): Transfer RNA methyltransferase 82

UniProt: [Q03774](#)

## 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 modiflicated 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

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