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Datasheet for ABIN1630793  
**TRMT12 Protein (AA 1-438) (His tag)**

Overview

Quantity:	1 mg
Target:	TRMT12
Protein Characteristics:	AA 1-438
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRMT12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEGAGGKPTA VVAVVTEPRF TQRYREYLEK HKLLDRQHRV KKL RDGTVAL PVLREALLEQ HLRELRNRVA PGSTCVPTQL LDPVPSKKAQ SYSPAQLCL EVSRWVEGRG VTWSAKLEAD LPRSQWRHGD LLLS EDCFQ AKQWRHLEPE LWETVASALG AQLAKRGRV SPDSTRTPAV SLLGDHGWV EHV DNGIRYK FDVTQCMFSF GNITEKLRVA SLPCVGEVLV DLYAGIGYFT LPFLVHAEAA FVHACEWNPH AVVALRNNLE LNGVADRCQI HFGDNRKCLK SNVADRVNLG LIPSEEGWP IACRVLKQDA GGILHIHQNV ESFPGKTLQP PGSSEMEEHW PSPHQIISNQ LNNGATSDSR RKTL SVATKP EWQRWAKAAE TRIATLLHQV HGKRWKTQIL HIQPVKSYAP HVDHIVLDLE CRPCHLVG
Specificity:	Bos taurus (Bovine)
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: TRMT12

Alternative Name: tRNA wybutosine-synthesizing protein 2 homolog (TRMT12) ([TRMT12 Products](#))

Background: Recommended name: tRNA wybutosine-synthesizing protein 2 homolog.  
Short name= tRNA-yW-synthesizing protein 2.  
Alternative name(s): Alpha-amino-alpha-carboxypropyl transferase TYW2.  
EC= 2.5.1.-

UniProt: [Q58D65](#)

## 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.