Datasheet for ABIN1629625

TRMT12 Protein (AA 1-437) (His tag)

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Overview

Quantity:	1 mg
Target:	TRMT12
Protein Characteristics:	AA 1-437
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRMT12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MERECEKSVV VAVVTEPRFT QRYRDYLEKQ KLLDRQYRVE KLRDGTVALP VLAETLSEHH LQELKNRVAP GSTCKLTQLL DPLPSKKARV CSPAQRLCLE VRRWVEDRGV TWSTELEADL PRSWQRHGDL MLLSEDCFQA TQWKRLEPEL WETVASALGV QRLAKRGRVL PDGTRTPTVT LLLGDHGWVE HVDNGIRYKF DVTQCMFSFG NITEKLRVAS LSCAGEVLVD LYAGIGYFTL PFLVHAGAAF VHACEWNPHA VVALRKNLEI NGVADRCQIH FGDNRKLKLS NTADRVNLGL IPSSEEGWPI ACQVLRKDVG GILHIHQNVE SFSGKNPQPP GSSNMEKKHW PHPQKITTDK QGNRTTGSCM GEMSSASKPE WQRWAESAES QIASLLHQVH GKPWRTRILH VHPVKSYAPH VDHIVLDLEC RPCPLVG
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

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:	Q4V8B8

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 modificated 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
Storage:	-20 °C

Handling

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