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Datasheet for ABIN1657918
TRM13 Protein (AA 1-368) (His tag)

Overview

Quantity:	1 mg
Target:	TRM13
Protein Characteristics:	AA 1-368
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRM13 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MARIKKIFTQ EELKQIPCPY DHKHTIVRHR LEYHLKRCNA RPVERTDPYY KKDINISTST DASESSFEI VDLSKEELSK WICLFNRISD SLTPQKKVL FHPAMNARLE EGTKKKHAIQ QASLLGHMEK LHYFDNQGSY YYEFGAGRAE LSRVYQHCSQ QENVYILIDR DSNRTKHDSR ILKDSIKNNW PEPKIIRCKI DIKDLKLDFF ASEFRNSGKP VFAYSKHLCG AATDLTLNCL KSSPPNALVI ALCCHHHCRW RTLSTFAREQ LSHWGISNPQ EFQILRQMTG WAVNSLREHM HASGGADSHI SGLSHEERVK IGLKCKHIIN YMRKLECEKM GYESSLVVYV GEETTLENVA LIAYKRIN
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission 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.
Purity:	> 90 %

Target Details

Target:	TRM13
Alternative Name:	tRNA guanosine-2-O-methyltransferase trm13 (trm13) (TRM13 Products)
Background:	Recommended name: tRNA guanosine-2'-O-methyltransferase trm13. EC= 2.1.1.225. Alternative name(s): tRNA [Gm4] methyltransferase tRNA methylase 13 tRNA:m(4)X modification enzyme
UniProt:	Q9UTH1

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