Datasheet for ABIN7590793

NMT1 Protein (AA 1-496) (His tag)

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Overview

Quantity:	100 µg
Target:	NMT1
Protein Characteristics:	AA 1-496
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NMT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MADESETAVK LPAPSLPLMM EGNGNGHEHC SDCENEEDIS HNRGGLSPAN DTGAKKKKKK QKKKKEKGND MDSTQDQPVK MNSLPAERIQ EIQKAIELFS VGQGPAKTME EASKRSYQFW DTQPVPKLGE VVNTHGPVEP DKDNIRQEPY TLPQGFTWDA LDLGDRGVLK ELYTLLNENY VEDDDNMFRF DYSPEFLLWA LRPPGWLPQW HCGVRVVSSR KLVGFISAIP ANIHIYDTEK KMVEINFLCV HKKLRSKRVA PVLIREITRR VHLEGIFQAV YTAGVVLPKP VGTCRYWHRS LNPRKLIEVK FSHLSRNMTM QRTMKLYRLP ETPKTAGLRP MEKKDIPVVH QLLSRYLKQF NLTPVMNQEE VEHWFYPQEN IIDTFVVENA NGEVTDFLSF YTLPSTIMNH PTHKSLKAAY SFYNVHTQTP LLDLMSDALV LAKMKGFDVF NALDLMENKT FLEKLKFGIG DGNLQYYLYN WKCPSMGAEK VGLVLQ
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:	NMT1
Alternative Name:	Glycylpeptide N-tetradecanoyltransferase 1 (Nmt1) (NMT1 Products)
Background:	Recommended name: Glycylpeptide N-tetradecanoyltransferase 1. EC= 2.3.1.97. Alternative name(s): Myristoyl-CoA:protein N-myristoyltransferase 1. Short name= NMT 1. Short name= Type I N-myristoyltransferase Peptide N-myristoyltransferase 1
UniProt:	Q8K1Q0
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

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

Handling

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