

Datasheet for ABIN7585300

NMT1 Protein (AA 1-497) (His tag)



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Overview

Quantity:	100 µg
Target:	NMT1
Protein Characteristics:	AA 1-497
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NMT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGDESETAVK PPAPPLPQMM EGNNGNGHEHC SDCENEEDNS YNRGGLSPAN DTGAKKKKKK QKKKKEKGSE TDSAQDQPVK MNSLPAERIQ EIQAIELFS VGQGPAKTME EASKRSYQFW DTQPVPKLGE VVNTHGVPVEP DKDNIRQEPY TLPQGFTWDA LDLGDRGVLK ELYTLLNENY VEDDDNMFRF DYSPEFLLWA LRPPGWLPQW HCGVRVVSSR KLVGFISAIP ANIHIYDEK KMVEINFLCV HKKLRSKRVA PVLIREITRR VHLEGIFQAV YTAGVVLPKP VGTCRYWHRS LNPRKLIEVK FSHLSRNMTM QRTMKLYRLP ETPKTAGLRP MEKKDIPVVH QLLSRYLKQF HLTPVMSQEE VEHWFYPQEN IIDTFVVENA NGEVTDFLSF YTLPTIMNH PTHKSLKAAY SFYNVHTQTP LLDLMSDALV LAKMKGFDVF NALDLMENKT FLEKLKFGIG DGNNLQYYLY NWKCPMSGAE KVGLVLQ
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

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: [P31717](#)

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 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

Handling

Storage: -20 °C

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