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# Datasheet for ABIN1634874 NMT1 Protein (AA 1-496) (His tag)



Overview	

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

#### Product Details

Sequence:	MADESETAVK PPAPPLPQMM EGNGNGHEHC SDCENEEDNS YNRGGLSPAN DTGAKKKKKK
	QKKKKEKGSE TDSAQDQPVK MNSLPAERIQ EIQKAIELFS VGQGPAKTME EASKRSYQFW
	DTQPVPKLGE VVNTHGPVEP DKDNIRQEPY TLPQGSTWDA LDLGDRGVLK ELYTLLNENY
	VEDDDNMFRF DYSPEFLLWA LRPPGWLPQW HCGVRVVSSR KLVGFISAIP ANIHIYDTEK
	KMVEINFLCV HKKLRSKRVA PVLIREITRR IHLEGVFQAV YTAGVVLPKP VGTCRYWHRS
	LNPRKLIEVK FSHLSRNMTM QRTMKLYRLP ETPKTAGLRP METKDIPVVH QLLTRYLKQF
	HLTPVMSQEE VEHWFYPQEN IIDTFVVENA NGEVTDFLSF YTLPSTIMNH PTHKSLKAAY
	SFYNVHTQTP LLDLMSDALV LAKMKGFDVF NALDLMENKT FLEKLKFGIG DGNLQYYLYN
	WKCPSMGAEK VGLVLQ
Specificity:	Pongo abelii (Sumatran orangutan)
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.

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#### 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:	Q5RAF3	
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

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### Handling

	Storage:	-20 °C		
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Storage Comment:

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

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