Datasheet for ABIN7591270

NMT1 Protein (AA 1-434) (His tag)

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Overview

Quantity:	100 µg
Target:	NMT1
Protein Characteristics:	AA 1-434
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NMT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MADNNSPPGS VEQKADQIVE ANPLVKDDTS LETIVRRFQD SMSEAKTHKF WETQPVGQFK DIGDTSLPEG PIEPATPLSE VKQEPYNLPS VYEWTTCDMN SDDMCSEVYN LLKNNYVEDD ENMFRFNYSK EFLRWALRPP GYYQSWHIGV RAKTSKKLVA FISGVPARIR VRDEVVKMAE INFLCVHKKL RSKRLAPVMI KEVTRRVHLE NIWQAAYTAG VILPTPITTC QYWHRSLNPK KLIDVGFSRL GARMTMSRTI KLYKLPDAPI TPGFRKMEPR DVPAVTRLLR NYLSQFGVAT DFDENDVEHW LLPREDVVDS YLVESPETHD VTDFCSFYTL PSTILGNPNY TTLKAAYSYY NVATQTSFLQ LMNDALIVSK QKGFDVFNAL DVMHNESFLK ELKFGPGDGQ LHYYLYNYRL KSALKPAELG LVLL
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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 1 Peptide N-myristoyltransferase 1
UniProt:	Q9LTR9
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.