



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### NMT1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004836-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human NMT1 full-length ORF ( NP\_066565.1, 1 a.a. - 496 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MADESETAVKPPAPPLPQMMEGNGNGHEHCSDCEN  
EEDNSYNRGGGLSPANDTGAKKKKKKQKKKKEKQSET  
DSAQDQPVKMNSLPAERIQEIQKAIELFSVGQGPATM  
EEASKRSYQFWDTPVPKLGEEVNTGHPVEPKDNIR  
QEPYTLPGFTWDALDLGDRGVLKELYLLNENYVED  
DDNMFRFDYSPEFLLWALRPPGWLPQWHCGVRVVS  
SRKLVGFISAIPANIHIYDTEKKMVEINFLCVHKKLRSCR  
VAPVLIREITRRVHLEGIFQAVYTAGVVLKPKVGTCRY  
WHRSLNPRKLIIEVKFSLSRNMTMQRTMKLYRLPETP  
KTAGLRPMETKDIPVVHQLLTRYLKQFHLTPVMSQEEV  
EHWFYQENIIDTFVVENANGEVTDFLSFYTLPTIMN  
HPTHKSLKAAYSFYNVHTQTPLLDLMSDALVLAKMKG  
FDVFNALDLMENKTFLEKLFKFGIGDGNLQYYLYNWKC  
PSMGAEKVGLVLQ

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 83.2

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4836

**Gene Symbol:** NMT1

**Gene Alias:** NMT

**Gene Summary:** Myristate, a rare 14-carbon saturated fatty acid, is cotranslationally attached by an amide linkage to the N-terminal glycine residue of cellular and viral proteins with diverse functions. N-myristoyltransferase (NMT; EC 2.3.1.97) catalyzes the transfer of myristate from CoA to proteins. N-myristoylation appears to be irreversible and is required for full expression of the biologic activities of several N-myristoylated proteins, including the alpha subunit of the signal-transducing guanine nucleotide-binding protein (G protein) GO (GNAO1; MIM 139311) (Duronio et al., 1992 [PubMed 1570339]).[supplied by OMIM]