

# Recombinant Full Length Human NMT2 Protein, GST-tagged

**Cat. No.** NMT2-669HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human NMT2(1 a.a. - 498 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 498 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | This gene encodes one of two N-myristoyltransferase proteins. N-terminal myristoylation is a lipid modification that is involved in regulating the function and localization of signaling proteins. The encoded protein catalyzes the addition of a myristoyl group to the N-terminal glycine residue of many signaling proteins, including the human immunodeficiency virus type 1 (HIV-1) proteins, Gag and Nef. Alternative splicing results in multiple transcript variants. |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 80.52 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MAEDSESAAS QQSLELDDQD TCGIDGDNEE ETEHAKGSPG GYLGAKKKKK<br>KQKRKKEKPN SGGTKSDSAS DSQEIKIQQP SKNPSVPMQK LQDIQRAMEL<br>LSACQGPARN IDEAAKHRYQ FWDTQPVPKL DEVITSHGAI EPDKDNVRQE<br>PYSLPQGF MW DTLDLSDAEV LKELYTLLNE NYVEDDDNMF RFDYSPEFLL<br>WALRPPGWLL QWHCGVRVSS NKKLVGFISA IPANIRIYDS VKKMVEINFL                                                                                                                                                                                  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

CVHKKLRSKR VAPVLIREIT RRVNLEGIFQ AVYTAGVVLP KPIATCRYWH  
 RSLNPKKLVE VKFSHLSRNM TLQRTMKLYR LPDVTKTSG L RPMEPKDIKS  
 VRELINTY LK QFHLAPVMDE EEVAHWFLPR EHIIDTFVVE SPNGKLTDFL  
 SFYTL PSTVM HHPAHKSLKA AYSFYNIHTE TPLLDLMSDA LILAKSKGFD  
 VFNALDLMEN KTFLEK LKFG IGDGNLQYYL YNWRCPGTDS EKVGLVLQ

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
 Antibody Production; Protein Array

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**GENE INFORMATION**
**Gene Name**

NMT2 N-myristoyltransferase 2 [ Homo sapiens ]

**Official Symbol**

NMT2

**Synonyms**

NMT2; N-myristoyltransferase 2; glycylpeptide N-tetradecanoyltransferase 2; NMT 2;  
 type II N-myristoyltransferase; peptide N-myristoyltransferase 2; myristoyl-  
 CoA:protein N-myristoyltransferase 2

**Gene ID**

9397

**mRNA Refseq**

NM\_004808

**Protein Refseq**

NP\_004799

**MIM**

603801

**UniProt ID**

O60551

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA