



Recombinant Human NMT1 Protein Product Manual

1. Product Basic Information

Product No.: REP07608

Protein Name: Protein-Lysine Myristoyltransferase Nmt1 (NMT1)

Aliases: NMT; HsNMT1; protein-lysine myristoyltransferase NMT1

UniProt ID: P30419

UniProt Link: <https://www.uniprot.org/uniprotkb/P30419/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length (1-496aa)

Molecular Weight: 125.9 kDa

Protein Tag: C-terminal 10xHis-HSA-tagged

2. Amino Acid Sequence (1-496aa)

MADESETAVKPPAPPLPQMMEGNGNGHEHCSDCENEEDNSYNRGGLSPANDTG
AKKKKKKQKKKKEKGSETDSAQDQPVKMNSLPAERIQEIQKAIELFSVGQGPAKTM
EEASKRSYQFWDTPVPKLGEVVNTHGVPEDKDNIRQEPYTLPPQGFTWDALDLG
DRGVLKELYTLLNENYVEDDDNMFRFDYSPEFLWALRPPGWLPQWHCGVRVVS
SRKLVGFISAIPANIHIDTEKKMVEINFLCVHKKLRSKRVAPVLIREITRRVHLEGIFQ
AVYTAGVVLPKPVGTCRYWHRSLNPRKLIEVKFSHLNRNMTMQRTMKLYRLPETPK
TAGLRPMETKDIPVVHQLLTRYLKQFHLTPVMSQEEVEHWFYPQENIIDTFVVENAN
GEVTDFLSFYTLPTIMNHPHTKSLKAAYSFYNVHTQTPLLDLMSDALVLAKMKGFD
VFNALDLMENKTFLEKLKFGIGDGNLQYYLYNWKCPMGAKEKVGVLVQ

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human NMT1 full length protein (1-496aa) expressed in Mammalian cell. The protein is with 10xHis-HSA tag at the C-terminus, which facilitates protein purification, detection and identification. NMT1, also known as NMT or HsNMT1 or protein-lysine myristoyltransferase NMT1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.