# NKMAXBio We support you, we believe in your research

# Recombinant human NMT2 protein

Catalog Number: ATGP0910

## **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

1-498aa

#### **UniProt No.**

060551

#### **NCBI Accession No.**

AAH 06376

#### **Alternative Names**

N-myristoyltransferase 2

# **PRODUCT SPECIFICATION**

### **Molecular Weight**

59.1 kDa (518aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl

#### **Purity**

> 85% by SDS-PAGE

#### Tag

His-Tag

## **Application**

SDS-PAGE

# **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **Description**

NMT2, also known as glycylpeptide N-tetradecan-oyltransferases 2, is cytoplasmic protein that belong to the NMT family of proteins. The proteins in this familiy catalyze the addition of a myristoyl group to the N-terminal glycine residue of eukaryotic, fungal and viral proteins. They are primarily detected in heart, gut, kidney, liver and placenta. Recombinant human NMT2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.



# NKMAXBio We support you, we believe in your research

# Recombinant human NMT2 protein

Catalog Number: ATGP0910

## **Amino acid Sequence**

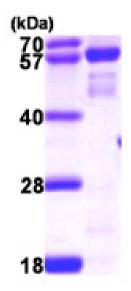
MGSSHHHHHH SSGLVPRGSH MAEDSESAAS QQSLELDDQD TCGIDGDNEE ETEHAKGSPG GYLGAKKKKK KQKRKKEKPN SGGTKSDSAS DSQEIKIQQP SKNPSVPMQK LQDIQRAMEL LSACQGPARN IDEAAKHRYQ FWDTQPVPKL DEVITSHGAI EPDKDNVRQE PYSLPQGFMW DTLDLSDAEV LKELYTLLNE NYVEDDDNMF RFDYSPEFLL WALRPPGWLL QWHCGVRVSS NKKLVGFISA IPANIRIYDS VKKMVEINFL CVHKKLRSKR VAPVLIREIT RRVNLEGIFQ AVYTAGVVLP KPIATCRYWH RSLNPKKLVE VKFSHLSRNM TLQRTMKLYR LPDVTKTSGL RPMEPKDIKS VRELINTYLK QFHLAPVMDE EEVAHWFLPR EHIIDTFVVE SPNGKLTDFL SFYTLPSTVM HHPAHKSLKA AYSFYNIHTE TPLLDLMSDA LILAKSKGFD VFNALDLMEN KTFLEKLKFG IGDGNLQYYL YNWRCPGTDS EKVGLVLQ

#### **General References**

Giang DK., et al. (1998) J Biol Chem. 273(12):6595-8. Gottlinger HG., et al. (1989) Proc Natl Acad Sci u S A. 86(15):5781-5.

# **DATA**

#### **SDS-PAGE**



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

