

#### Product datasheet for AR51752PU-S

### Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com

techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

## NMT1 (1-496, His-tag) Human Protein

#### **Product data:**

**Product Type: Recombinant Proteins** 

**Description:** NMT1 (1-496, His-tag) human recombinant protein, 0.1 mg

Species: Human **Expression Host:** E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMADESET AVKPPAPPLP QMMEGNGNGH EHCSDCENEE DNSYNRGGLS PANDTGAKKK KKKQKKKKEK GSETDSAQDQ PVKMNSLPAE RIQEIQKAIE

LFSVGQGPAK TMEEASKRSY QFWDTQPVPK LGEVVNTHGP VEPDKDNIRQ EPYTLPQGFT WDALDLGDRG VLKELYTLLN ENYVEDDDNM FRFDYSPEFL LWALRPPGWL PQWHCGVRVV SSRKLVGFIS AIPANIHIYD TEKKMVEINF LCVHKKLRSK RVAPVLIREI TRRVHLEGIF QAVYTAGVVL

PKPVGTCRYW HRSLNPRKLI EVKFSHLSRN MTMQRTMKLY RLPETPKTAG LRPMETKDIP VVHQLLTRYL KQFHLTPVMS QEEVEHWFYP QENIIDTFVV ENANGEVTDF LSFYTLPSTI MNHPTHKSLK AAYSFYNVHT QTPLLDLMSD ALVLAKMKGF DVFNALDLME NKTFLEKLKF

GIGDGNLQYY LYNWKCPSMG AEKVGLVLQ

Tag: His-tag Predicted MW: 59.2 kDa Concentration: lot specific

>95% by SDS - PAGE **Purity:** 

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate buffered saline (pH 7.4)

Preparation: Liquid purified protein

**Protein Description:** Recombinant human NMT1 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Storage:

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 066565

Locus ID: 4836





UniProt ID:P30419Cytogenetics:17q21.31Synonyms:NMT

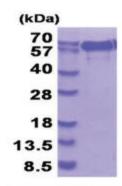
**Summary:** Myristate, a rare 14-carbon saturated fatty acid, is cotranslationally attached by an amide

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, Nov 2008]

**Protein Families:** Druggable Genome

# **Product images:**



15% SDS-PAGE (3ug)