

Product datasheet for **AR51752PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	NMT1 (1-496, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMADSEET AVKPPAPPLP QMMEGNGNGH EHCSDCENEE DNSYNRGGLS PANDTGAKKK KKKQKKKKEK GSETDSAQDQ PVKMNSLPAE RIQEIQAIE LFSVGQGPAK TMEEASKRSY QFWDTPVVK LGEVWNTHGP VEPDKDNIRQ EPYTLPQGFT WDALDLGDRG VLKELYLLN ENYVEDDDNM FRFDYSPEFL LWALRPPGWL PQWHCGVRVW SSRKLVGFI AIPANIHIYD TEKKMVEINF LCVHKKLRK RVAPVLIREI TRRVHLEGIF QAVYTAGVW PKPVGTCRYW HRSLNPRKLI EVKFSHLSRN MTMQRTMKLY RLPETPKTAG LRPMETKDIP VHQLLTRYL KQFHLTPVMS QEEVEHWFYP QENIIDTFV ENANGEVTD FLSFYTL PSTI MNHPTHKSLK AAYSFYNVHT QTPLLDLMSD ALVLAKMKGF DVFNALDLME NKTFLKLFK GIGDGNLQYY LYNWKCPMSG AEKVGLVLQ
Tag:	His-tag
Predicted MW:	59.2 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
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.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_066565
Locus ID:	4836



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UniProt ID: [P30419](#)

Cytogenetics: 17q21.31

Synonyms: 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:

