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Product datasheet for RC200594L1V

NMT1 (NM_021079) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NMT1 (NM_021079) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NMT1
Synonyms:	NMT
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_021079
ORF Size:	1488 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200594).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_021079.3
RefSeq Size:	4903 bp
RefSeq ORF:	1491 bp
Locus ID:	4836
UniProt ID:	P30419
Cytogenetics:	17q21.31
Domains:	NMT
Protein Families:	Druggable Genome

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MW: 56.6 kDa

Gene 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]