

## Product datasheet for **SC321591**

### NNMT (NM\_006169) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NNMT (NM_006169) Human Untagged Clone
Tag:	Tag Free
Symbol:	NNMT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>&gt;OriGene sequence for NM_006169.2</p> <pre> TAGGCGCTGTGCTGGGGTCGCGCGCGCGGGCTGGGGGAGAGAGTGTGGTCTTCAG CATAGAGTGAGCTTCTAGTGACACGAGCTGGAGGGAAAGAGGAAGTGCATCATGACGGCT CGTCCAATGGACAAGAAGGGCTGAACTGATGGAAGGAATGCTGTTAGCCTGAGACTCAGG AAGACAACCTTCTGCAGGGTCACTCCCTGGCTTCTGGAGGAAAGAGAAGGAGGGCAGTGCT CCAGTGGTACAGAAGTGAGACATAATGGAATCAGGCTTCACTCCAAGGACACCTATCTA AGCCATTTTAACCTCGGGATTACCTAGAAAAATATTACAAGTTTGGTTCTAGGCACTCT GCAGAAAGCCAGATTCTTAAGCACCTTCTGAAAAATCTTTTCAAGATATTCTGCCTAGAC GGTGTGAAGGGAGACCTGCTGATTGACATCGGCTCTGGCCCCACTATCTATCAGCTCCTC TCTGCTTGTGAATCCTTTAAGGAGATCGTCGCTCACTACTCAGACCAGAACCTGCAG GAGCTGGAGAAGTGGCTGAAGAAAGAGCCAGAGGCCTTTGACTGGTCCCCAGTGGTGACC TATGTGTGTGATCTTGAAGGGAACAGAGTCAAGGGTCCAGAGAAGGAGGAGAAGTTGAGA CAGGCGGTCAAGCAGGTGCTGAAGTGTGATGTGACTCAGAGCCAGCCACTGGGGCCGTC CCCTTACCCCGGCTGACTGCGTCTCAGCACACTGTGTCTGGATGCCGCTGCCAGAC CTCCCCACCTACTGCAGGGCGCTCAGGAACCTCGGCAGCCTACTGAAGCCAGGGGCTTC CTGGTGATCATGGATGCGCTCAAGAGCAGCTACTACATGATTGGTGAGCAGAAGTTCTCC AGCCTCCCCTGGGCCGGGAGGCAGTAGAGGCTGCTGTGAAAGAGGCTGGCTACACAATC GAATGGTTTGAGGTGATCTCGCAAAGTTATTCTTCCACCATGGCCAACAACGAAGGACTT TTCTCCCTGGTGGCGAGGAAGCTGAGCAGACCCCTGTGATGCCTGTGACCTCAATTAAG CAATTCCTTTGACCTGTCAAA AAAA</pre>
Restriction Sites:	Please inquire
ACCN:	NM_006169



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_006169.2</a></u> , <u><a href="#">NP_006160.1</a></u>
<b>RefSeq Size:</b>	1579 bp
<b>RefSeq ORF:</b>	795 bp
<b>Locus ID:</b>	4837
<b>UniProt ID:</b>	<u><a href="#">P40261</a></u>
<b>Cytogenetics:</b>	11q23.2
<b>Domains:</b>	NNMT_PNMT_TEMT
<b>Protein Pathways:</b>	Metabolic pathways, Nicotinate and nicotinamide metabolism
<b>Gene Summary:</b>	N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. This gene encodes the protein responsible for this enzymatic activity which uses S-adenosyl methionine as the methyl donor. [provided by RefSeq, Jul 2008]