

Product datasheet for **SC112347**

ANTKMT (NM_023933) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANTKMT (NM_023933) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANTKMT
Synonyms:	ANT-KMT; C16orf24; FAM173A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112347 sequence for NM_023933 edited (data generated by NextGen Sequencing)

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ATGGAGCAGGACGCCGGTTCGAGGCGCTGACGGAGCTGCGCGAGCGCGGCTGGGCGCG  
CTGGAGCTGCTGCAGGCGCGGCGGCTCGGGCTTGGCAGCCTACGCGGTGTGGGCGCTG  
CTGCTCCAGCCCGGCTTCCGGCGCGTGCCTGCGGCTGCGGCTGAGGTGCCCTACGTCGGCGCG  
AGCGCGCGGACAGGTGGAGCACGTGTTGTCGCTGCTGCGAGGACGCCCGGAAAAACGGTG  
GATCTGGGCTCTGGCGACGGCAGGATCGTGTGGCGGCCACAGGTGCGGCTCCGCCCCG  
GCCGTGGGCTACGAGCTGAACCCTGGCTGGTGGCGCTGGCGCGGCTGCACGCTGGAGG  
GCCGGTGTGCCGCGAGCTGCTATCGCCGCAAGGATCTCTGGAAGGTGAGCCTGAGG  
GACTGCCGCAACGTGTCTGTGTTCTGGCCCTAGCGTGTCCCCTGCTGGAGGACAAG  
CTGCGGACAGAGCTGCCTGCTGGGGCCCGTGGTGTCTGGGCGCTTCCCCTCCCACC  
TGGCAGCCTGTGACCGCGGTTGGCGAGGCGCTGGACCGAGTATGGCTTATGATGTTCT  
GAGGGTGGGACAGGCTGGGAGGCGCCTCCTCGCGGATACCCATCCAGGCTGCCCGCGGA  
CCTAGTCTGCCCCATCCCGGGGGCCTATTCTCAGGCCAGCTGA
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Clone variation with respect to NM_023933.1
12 t=>c



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_023933 unedited CACCGGCANANNCCNCNCCACCNNNNCGTTTCAGATTTGTATACGACTCACTATAGGC GGCCGCGNAATTCGCACGAGGGCAGGAGGCAGAGGGCACACCCGAGCCAGGCCAGGCAGGC TGCGAGGGCCGCGGACCCGAGCCGGGAAGGACCTGGGCGGACGAGCCGCGCGTCCCGCA GCCATGGAGCAGGACGCCGGTCGAGGCGCTGACGGAGCTGCGGAGCGCGGCGGCTGGG GCGCTGGAGCTGCTGCAGGCGGCGGCTCGGGCTTGGCAGCCTACGCGGTGTGGGCG CTGCTGCTCCAGCCCGGTTCCGGCGCGTCCGCTGCGGCTGCAGTGCCCTACGTCGGC GCGAGCGCGCGGAGGTGGAGCACGTGTTGTCGCTGCTGCGAGGACGCCCGGAAAAACG GTGGATCTGGGCTCTGGCGACGGCAGGATCGTGCTGGCGGCCACAGGTGCGGCCTCCGC CCGGCCGTGGGCTACGAGCTGAACCCCTGGCTGGTGGCGCTGGCGCGGCTGCACGCCTGG AGGGCCGCTGTGCCGCGAGCGTCTGCTATCGCCGCAAGGATCTCTGNGAAGTGAGCCTG AGGGACCTGCCGACGTGTCTGTGTTCCGGCCCTAGCGTGCTCCGCTGCTGGAGGAC AAGCTGCNACAGAGCTGCCTGTNGGGCCCGCGTGGTGTCTGGGCGCTTCCACTCCCCA CCTGGCAGCTGTGACCCGCGTTGGCGAGGGCCTGGACCGAGTATGGGCTTATGATGTCC CTGAAGGTGGGCAAGCTGGGGGAGGCCCGCTCTNGCGAATACCCATCCAGCTGCCCCGG GACCTAATCTGCCCCATCCCGGGGGCCCTTATTTTTCAGGCCAGCTGGGTTTTAAACA CCATAAGACTTTGGGGTCTTAAAAAAAANNNNGNNAAAAAAAAAAAAAAACCTCA CTTTAAATTGCGGGCGGGGCTAACTGGT
Restriction Sites:	NotI-NotI
ACCN:	NM_023933
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	NM_023933.1 , NP_076422.1
RefSeq Size:	876 bp
RefSeq ORF:	708 bp
Locus ID:	65990
UniProt ID:	Q9BQD7
Cytogenetics:	16p13.3
Protein Families:	Transmembrane

Gene Summary: S-adenosyl-L-methionin-dependent protein-lysine N-methyltransferase.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1).