

Product datasheet for **SC333044**

ANTKMT (NM_001271285) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ANTKMT (NM_001271285) Human Untagged Clone
Tag: Tag Free
Symbol: ANTKMT
Synonyms: ANT-KMT; C16orf24; FAM173A
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333044 representing NM_001271285.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAGCAGGACGCCGGTCGAGGCGCTGACGGAGCTGCGCGAGCGCGGCTGGGCGCGCTGGAGCTG
CTGCAGGCGGGCCGGCTCGGGCTTGGCAGCCTACGCGGTGTGGGCGCTGCTGCCAGCCCGGCTTC
CGGCGCGTGCCGCTGCGGCTGCAGGTGCCCTACGTGCGCGGAGCGCGCGGCGAGGTGGAGCACGTGTTG
TCGCTGCTGCGAGGACGCCCCGAAAAACGGTGGATCTGGGCTCTGGCGACGGCAGGATCGTCTGGCG
GCCACAGGTGCGGCCTCCGCCGGCCGTGGGCTACGAGCTGAACCCCTGGCTGGTGGCGCTGGCGCGG
CTGCACGCTGGAGGGCCGGCTGTGCCGCGAGCTCTGCTATCGCCGCAAGGATCTCTGGAAGCTCCCG
CTGCTGGAGGACAAGCTGCGGACAGAGCTGCTGCTGGGGCCCGGTGGTGTCTGGGCGCTTCCCACTC
CCCACCTGGCAGCCTGTGACCGCGTTGGCGAGGGCCTGGACCGAGTATGGGCTTATGATGTTCTCTGAG
GGTGGGCGAGGCTGGGAGGCCGCTCTCGCGGATACCCATCCAGGCTGCCCGGACCTAGTTCTGCC
CCCATCCCGGGGGCCTTATTTCTCAGGCCAGCTGA
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Restriction Sites: SgfI-MluI
ACCN: NM_001271285
Insert Size: 657 bp
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).



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Reconstitution Method:

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_001271285.1](#)

RefSeq Size: 830 bp

RefSeq ORF: 657 bp

Locus ID: 65990

Cytogenetics: 16p13.3

Protein Families: Transmembrane

MW: 23.3 kDa

Gene Summary: S-adenosyl-L-methionin-dependent protein-lysine N-methyltransferase.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an exon in the 3' coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1.