

Product datasheet for **RC236697**

METTL11A (NTMT1) (NM_001286798) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	METTL11A (NTMT1) (NM_001286798) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	METTL11A
Synonyms:	AD-003; C9orf32; HOMET1A; METTL11A; NRMT; NRMT1; NTM1A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC236697 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGAGCGAGGTGATAGAAGACGAGAAGCAATTCTATTCCAAGGCCAAGACCTACTGGAACAAATCC
CACCCACGGTGGACGGCATGCTTGGGGGTATGGCCACATCTCCAGCATCGACATCAACAGCTCCCGGAA
GTTTCTGCAGAGGTTTTTGAGGGAAGGCCGAACAAGACAGGAACGTCTGTGCCCTGGACTGTGGAGCT
GGCATTGGGAGGATCACCAAGCGGCTGCTCCTGCCGTGTTGAGAGGTTGGATATGGTCGACATAACGG
AGGACTTCTGGTCAAGCCAAGACCTACCTGGGGGAGGAGGCAAGAGGTTGAGGAACACTTCTGTTG
TGGGCTCCAGGACTTACCCCGGAGCCGGACTTACGACGTGATCTGGATCCAGTGGGTGATAGGCCAC
CTCACCGATCAGCACCTGGCCGAGTTCCTGCGGCGCTGCAAGGGCAGCCTCCGCCCAACGGCATCATCG
TCATCAAAGACAACATGGCCAGGAGGGCGTGATTCTGGACGACGTGGACAGCAGCGTGTCCCGGGACCT
TGACGTGGTCCGAGGATCATCTGCAGTGCAGGCCTCAGCCTCCTGGCCGAGGAGGCAAGGAGAACCTC
CCCGATGAGATCTACCATGTCTATAGCTTTGCCCTGAGA

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001286798.1](#), [NP_001273727.1](#)

RefSeq Size: 1562 bp

RefSeq ORF: 672 bp

Locus ID: 28989

UniProt ID: [Q9BV86](#)

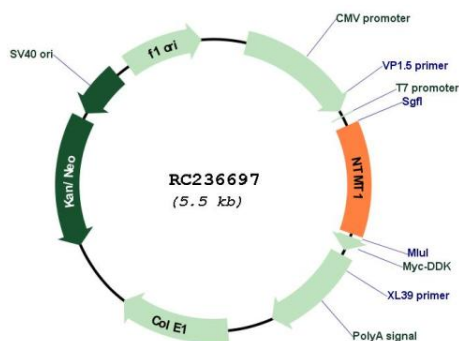
Cytogenetics: 9q34.11

Protein Families: Druggable Genome

MW: 25.4 kDa

Gene Summary: The METTL11A gene encodes an N-terminal methyltransferase for the RAN (MIM 601179) guanine nucleotide exchange factor regulator of chromosome condensation 1 (RCC1; MIM 179710). METTL11A enzyme alpha-N-methylates other protein targets such as SET (MIM 600960) and RB (MIM 180200).[supplied by OMIM, Nov 2010]

Product images:



Circular map for RC236697