

Product datasheet for **RC215239A1V**

Human **METTL19 (TRMT44) (NM_152544) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human METTL19 (TRMT44) (NM_152544) AAV Particle
Tag:	Myc-DDK
Symbol:	TRMT44
Synonyms:	C4orf23; METTL19; TRM44
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215239 representing NM_152544
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGGTGGGCGGTACCGGATCAGCTACCCAGGCGCGCTTCTCCACAGGGCTTCTGGGCTGCGG
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 GAGCGCCGCCCTGCCCTGCGCGGAGGCCGCGGCCCGGGACTAGCGCAGGCTCGGAGCAGAAGGAGCGG
 GGTCCGGGACCGGCCAGGGTTCCCCGGAGGGGGCCGGGTCCAGGTGCGTATCAGGACCCGAGCAGG
 GCACGGCATGTTGCGAATTGAGGAGGCCAGGCCAGTGCCAGCAAGAGGAGGCACAGAGGGAAGCCGC
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 TCTTTGTCTCCCTGCTGCTTCTTTGACTTCATTGGAAGATACTCCCGAGGCAGAGTAAGAAGACTCA
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 GACGCCAGGGTCGGGTGTGTAACCAGGGCCTGGGCCGCTGAGCATGGAGCAGGGCCCCAGGCTGAAGGAC
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 TTTTATTGACCAAGTGGTTTTGCAAGTAGCGAATTTACTGTTAGGTGGAAGCAATTAACACAAGAAGT
 TCTCGAAATGGGAGTTTGAAGACCTGGAATGGGGGAGAGGCCTATCTCTGGCAGAAGTAGCCAACGAGC
 TGGACACGGAGACCTGCGGAGGCTGAAGCGGGAGTGTGGGGGCTGCAGACGCTGCTCCGGAACAGCCA
 CCAGGTGTTCCAAGTTGTGAATGGGAGAGTTACATCCGCGACTGGCGAGAGGAGACACTGTGGAAGACA
 AAGCAACCGGAAGCGAAACAGAGACTGCTCTCTGAAGCCTGCAAAACCCGCTCTGCTGGTTCTTCATGC
 ATCACCTGATGGCTGCGCTCTGTCCACGACTGCTGCCGTTTGCCCATGGGCTGCGGAGCTGCGGCC
 ACCCGGACCACCCGAGGAAGAAGATTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215239 representing NM_152544 Red=Cloning site Green=Tags(s) MAEVGRTGISYPGALLPQGFWAAVEVWLERPQVANKRLCGARLEARWSAALPCAEARGPGTSAGSEQKER GPGPGQGSPGGGPGPRSLSGPEQGTACCELEEAQGQCQEEAQREAASVPLRDSGHPGHAEGREGDFPAA DLDSLWEDFSQSLARGNSELLAFLTSSGAGSQPEAQRELDVVLRTVIPKTSPhCPLTTPRREIVVQDVLN GTITFLPLEEDDEGNLKVMSNVYQIQLSHSKEEFISVLIFCPERWHS DGIVYPKPTWLGEELLAKLAK WSVENKKSDFKSTLSLISIMKYSKAYQELKEKYKEMVKVWPEVTDPEKFVYEDVAIAAYLLILWEEERAE RRLTARQSFVDLGCNGLLVHILSSEGHPGRGIDVRRRKIWD MYGPQTQLEEDAITPNDKTLFPDVDWLI GNHSDelpwIPVIAARSSYNCRFFVLPCCFDFIGRYSRRQSKKTQYREYLD FIKVEGFTCGFHVDEDC LRIPSTKRVC LVGKSRTYPSREASVDEKRTQYIKSRRGCPVSPPGWELSPSPRWVAAGSAGHCDGQAL DARVGCVTRAWAAEHGAGPQAEGPWLPGFHPREKAERVRNCAALPRDFIDQVVLQVANLLGGKQLNTRS SRNGSLKTWNGGESLSLAEVANELDTETLRLKRECGGLQTLRN SHQVFQVNGRVHIRDWREETLWKT KQPEAKQRL LSEACKTRL CWFFMHHPDGCALSTDCCPFAHGPAELRPRTTPRKKIS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152544
ORF Size:	2271 bp
Buffer:	PBS with 0.001% Pluronic F7345
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_152544.1</u>
RefSeq Size:	1851 bp
RefSeq ORF:	2274 bp
Locus ID:	152992
UniProt ID:	<u>Q8IYL2</u>
Cytogenetics:	4p16.1
MW:	41.1 kDa