

Product datasheet for **RC219032A1V**

Human TRMT1 (TRMU) (NM_018006) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TRMT1 (TRMU) (NM_018006) AAV Particle
Tag:	Myc-DDK
Symbol:	TRMT1
Synonyms:	LCAL3; MTO2; MTU1; TRMT; TRMT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC219032 representing NM_018006 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCAGGCCTTGCGGCACGTCGTGTGCCCTGTCCGGCGGCGTGGACAGCGCCGTGGCCGCGCTGCTGC
TGAGGCGGAGAGGTTACCAGGTGACAGGGGTGTTTATGAAGAACTGGGACTCACTGGATGAACATGGGGT
CTGTACTGCCGACAAAGACTGTGAAGATGCTTACAGAGTTTGCCAGATCTTAGACATCCCTTTCCATCAA
GTGCTCTACGTAAGGAGTATTGGAATGATGTGTCAGTGACTTTTGAATGAGTATGAAAAAGGAAGGA
CTCCCAATCCTGACATAGTTTGCAACAAGCACATCAAATTTAGTTGCTTTTTCATTATGCTGTGGATAA
TCTTGGGCGAGATGCCATTGCCACAGGTCACTATGCAAGAAGTCCCTGGAAGATGAAGAAGTCTTTGAG
CAGAAGCACGTTAAGAAGCCCGAAGGGCTTTTCAGAAATCGGTTTGAAGTTAGAAATGCCGTAAACTCC
TCCAGGCAGCTGACAGCTTTAAAGACCAGACCTTCTTTCTCAGCCAGGTTTCCAGGATGCCCTGAGGAG
AACCATCTTCCCTCTGGGGGATTAACGAAAGAGTTTGTAAAGAAAATCGCTGCTGAGAAATAGACTTCAT
CATGTGCTTCAGAAGAAAGAGAGCATGGGCATGTGTTTCATCGGAAGAGGAATTTGAACATTTCTTC
TTCAGTATCTGCAGCCTCGACCTGGTCACTTTATTTCCATAGAAGACAATAAGGTTCTGGGAACACATAA
AGGTTGGTTCTGTATACCTTGGGCCAGAGAGCAAACATAGGTGGCTGAGAGAGCCCTGGTACGTGGT
GAGAAGGACAGCGTCAAGGGTGACGTGTTGTGGCCCCCGGACAGACCCAGCCCTGTACAGGGACC
TGCTGAGGACAGCCGCGTGCATGATTGCGGAGGAGCCTCCCGCAGCACTGGTCCGGGACAAGATGAT
GGAGTGCCACTTCCGATTCCGCCACAGATGGCACTAGTGCCCTGTGTGCTGACCCTCAATCAAGATGGC
ACCGTGTGGGTGACAGCTGTGCAGGCTGTGCGTGCCCTTGCCACAGGACAGTTTGTGTGTTCTACAAGG
GGGACGAGTGCTGGGACGCGGAAGATCCTGCGGCTGGGGCCGTCTGCCTACACGCTCCAGAAGGGCCA
GCGCAGAGCTGGGATGGCACTGAGAGCCCCAGTGACAGCCAGAAGATGGTCCAGGCCCTGAGTCCCTTG
CTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC219032 representing NM_018006 Red=Cloning site Green=Tags(s) MQALRHVVCALSGGVDSAVAALLRRRGYQVTGVFMKNWDSLDEHGVCTADKDCEDAYRVCQILDIPFHQ VSYVKEYWNDVFSDFLNEYEKGRTPNPDIVCNKHIKFSCTFFHYAVDNLGADAIATGHYARTSLEDEEVFE QKHVKKPEGLFRNRFVNRNAVKLLQAADSFKDQTFLLSQVSQDALRRTIFPLGGLTKEFVKKIAAENRLH HVLQKKESMGMCFIGKRNFHFLLQYLQPRPGHFISIEDNKVLGTHKGWFLYTLGQRANIGGLREPWYV EKDSVKGDVVFAPRTDHPALYRDLLRTSRVHWIAEPPAALVRDKMMECHFRFRHQMALVPCVLTNLQDG TVWVTAVQAVRALATGQFAVFYKGDECLGSGKILRLGPSAYTLQKGQRRAGMATESPSDSPEDGPGLSPL L TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_018006
ORF Size:	1263 bp
Buffer:	PBS with 0.001% Pluronic F68
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_018006.3</u>
RefSeq Size:	1970 bp
RefSeq ORF:	1266 bp
Locus ID:	55687
UniProt ID:	<u>O75648</u>
Cytogenetics:	22q13.31
MW:	47.6 kDa