

Product datasheet for **RC219271A1V**

Human TOM1L2 (NM_001082968) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TOM1L2 (NM_001082968) AAV Particle
Tag:	Myc-DDK
Symbol:	TOM1L2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219271 representing NM_001082968
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTTCCTCCTGGGAACCCGTTCCAGCACACCAGTGGGGCAGTGCCTCGAAAAGGCAACAGATGGCT
 CCCTGCAAAGTGAGGATTGGACGTTGAATATGGAGATCTGTGACATCATCAATGAGACGGAGGAAGGCC
 AAAGGATGCCATTCGAGCCCTGAAGAAGCGGCTCAACGGGAACCGGAACACAGAGAGGTGATGCTGGCA
 TTAACAGTGCTGGAGACATGTGTGAAGAACTGTGGCCACCGCTTCCACATCCTTGTGGCAACCGAGATT
 TCATCGACAGTGTCTGGTCAAATTATATCTCCCAAGAACAACCCTCCACCATTGTACAGGACAAAGT
 GCTTGCTCTGATCCAGGCATGGGCTGATGCCTTTCGAAGCAGTCTGATCTACCGGCGTTGTGCACATA
 TATGAGGAGCTGAAGAGGAAAGGGTTGAATTTCCATGGCAGACTTGGACGCTCTGTCTCCCATACACA
 CACCACAGCGGAGTGTCCCTGAAGTGGATCCAGCTGCGACCATGCCAGGTCCCAATCACAGCAGAGGAC
 AAGTGTGGTTCCTATTCTCGCCGCTCCTGCTCCCTACTCCGCACCGCAGGCCCCAGCTCTGAGTGTG
 ACTGGCCCCATCACAGCCAATTGAGAACAGATTGCCAGGCTGCGAGTGAAGTGGACGTCGTTCCGAGGAA
 ACACAAAAGTCATGTCTGAGATGTTAACAGAAATGGTCCCTGGACAGGAGGATTCATCTGATCTGGAGTT
 GCTGCAGGAGCTCAACAGGACCTGTCCGGCCATGCAGCAGCGCATCGTGGAGTCATCTCCCGCTGTCC
 AATGAGGAGGTACCGAGGAGCTGTGCATGTGAACGATGACCTCAACAACGTCCTTCTTCGATACGAGA
 GGTTCCGAACGATACAGGTCTGGCCGATCCGTTCAAAATGCCAGTAATGGAGTACTGAATGAAGTAACCGA
 AGACAACCTTAAGACCTGGGGCCAGGGTCTCCAGCCGTGGTGGAGCCCAATGGTGGGGAACACAGCGCCC
 CCATCTTCCCTCTCCTCCAGCTTGCAGGCTTAGACTTGGGGACAGAGAGCGTCAGTGGCACCCCTCAGTT
 CACTCCAGCAATGTAATCCCCGTGACGGCTTTGACATGTTTCCCAGACGAGAGGAACTCCTTGGCTGA
 GCAGCGCAAGACGGTAACCTATGAGGATCCTCAGGCTGTCGGAGGACTTGCTTCTGCACTAGACAATCGA
 AAACAGAGTTCAGAAGGGATCCCGTTGCGCAGCCATCTGTATGGACGACATTGAGGTGTGGCTCAGGA
 CCGACCTGAAGGGTGATGATCTGGAGGAGGGTGTACAAGTGAAGAGTTTGATAAATTCCTTGAAGAAAG
 AGCCAAAGCTGCTGAAATGGTTCCCGACCTCCCTCGCCCCCATGGAGGCTCTGCCCCAGCCTCAAAC
 CCTTCTGGCCGAAGAAGCCAGAGCGGTGAGAGGATGCCCTCTTCGCCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC219271 representing NM_001082968
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MEFLLGNPFSTPVGQCLEKATDGLQSEDWTLNMEICDIINETEEGPKDAIRALKKRLNGNRNYREVMLA
 LTVLETVCVKNCGHRFHILVANRDFIDSVLVKIIISPKNNPPTIVQDKVLALIQAWADAFRSPDLTGVVHI
 YEELKRKGVEFPMADLDALSPIHTPQRSVPEVDPAATMPRSQSQQRTSAGSYSSPPPAPYSAPQAPALSV
 TGPITANSEIARLRSELDVVRGNTKVMSEMLTEMVPGQEDSSDELLQELNRTCRAQQQRIVELISRV
 NEEVTEELLHVNDLNNVFLRYERFERYRSGRSVQNASNGVLNEVTEDNLDLGPSPAVVSPMVGNTAP
 PSSLSQLAGLDLGTESVSGTSSLQCCNPRDGFDMFAQTRGNSLAEQRKTVTYEDPQAVGGLASALDNR
 KQSSEGIPVAQPSVMDDIEVWLRDLDKGDDLEEGVTSEEDKFLLEERAKAAEMVPDLSPSPMEAPAPASN
 PSGRKKPERSEDALFAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
 Serotype: AAV-2
 ACCN: NM_001082968
 ORF Size: 1521 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_001082968.1</u>
RefSeq Size:	5825 bp
RefSeq ORF:	1524 bp
Locus ID:	146691
UniProt ID:	<u>Q6ZVM7</u>
Cytogenetics:	17p11.2
MW:	55.4 kDa