

Product datasheet for **RC223061A1V**

Human CD10 (MME) (NM_007287) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD10 (MME) (NM_007287) AAV Particle
Tag:	Myc-DDK
Symbol:	MME
Synonyms:	CALLA; CD10; CMT2T; NEP; SCA43; SFE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC223061 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCAAGTCAGAAAGTCAGATGGATATAACTGATATCAACACTCCAAAGCCAAAGAAGAAACAGCGAT
 GGACTCCACTGGAGATCAGCCTCTCGGTCCTTGCTGCTCCTACCATCATAGCTGTGACAATGATCGC
 ACTCTATGCAACCTACGATGATGGTATTTGCAAGTCATCAGACTGCATAAAATCAGCTGCTCGACTGATC
 CAAAACATGGATGCCACCACTGAGCCTTGACAGACTTTTCAAATATGCTTGCGGAGGCTGGTTGAAAC
 GTAATGTCATTCCCGAGACCAGCTCCCGTTACGGCAACTTTGACATTTTAAGAGATGAAGTAGAAGTCGT
 TTTGAAAGATGCTCTCAAGAACCCAAAAGTGAAGATATAGTAGCAGTGCAGAAAGCAAAAGCATTGTAC
 AGGTCTTGATAAATGAATCTGCTATTGATAGCAGAGGTGGAGAACCTCTACTCAAAGTTACCAGACA
 TATATGGGTGGCCAGTAGCAACAGAAAAGTGGAGCAAAAATATGGTGCTTCTTGACAGCTGAAAAAGC
 TATTGCACAAGTGAATTCTAAATATGGGAAAAAGTCTTATTAATTTGTTTGTGGCACTGATGATAAG
 AATTCTGTGAATCATGAATTCATATTGACCAACCTCGACTTGGCCTCCCTTCTAGAGATTACTATGAAT
 GCACTGGAATCTATAAGAGGCTTGACAGCATATGTGGATTTTATGATTCTGTGGCCAGATTGATTCCG
 TCAGGAAGAAAGATTGCCATCGATGAAAACAGCTTGCTTTGGAAATGAATAAAGTTATGGAATTGGAA
 AAAGAAATTGCCAATGCTACGGCTAAACCTGAAGATCGAAATGATCCAATGCTTCTGTATAACAAGATGA
 CATTGGCCAGATCCAAAATAACTTTTCACTAGAGATCAATGGGAAGCCATTGAGCTGGTTGAATTTAC
 AAATGAATCATGTCAACTGTGAATATTAGTATTACAAATGAGGAAGATGTGGTTGTTTATGCTCCAGAA
 TATTTAACCAAACTTAAGCCATTCTTACCAAAATTTCTGCCAGAGATCTTCAAATTTAATGTCTGGA
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 CCTTTATGGTACAACCTCAGAAACAGCAACTTGGAGACGTTGTGCAAACTATGTCAATGGGAATATGGAA
 AATGCTGTGGGAGGCTTTATGTGGAAGCAGCATTTGCTGGAGAGAGTAAACATGTGGTCGAGGATTTGA
 TTGCACAGATCCGAGAAGTTTTTATTCAGACTTTAGATGACCTCACTGGATGGATGCCGAGACAAAAAA
 GAGAGCTGAAGAAAAGGCCTTAGCAATTAAGAAAGGATCGGCTATCCTGATGACATTGTTTCAAATGAT
 AACAACTGAATAATGAGTACCTCGAGTTGAACTACAAAGAAGATGAATACTTCGAGAACATAATTCAA
 ATTTGAAATTCAGCCAAAGTAAACAACTGAAGAAGCTCCGAGAAAAGGTGGACAAAGATGAGTGGATAAG
 TGGAGCAGCTGTAGTCAATGCATTTTACTCTTCAGGAAGAAATCAGATAGTCTTCCAGCCGGCATTCTG
 CAGCCCCCTTCTTTAGTGCCAGCAGTCCAACTCATTGAACTATGGGGCATCGGCATGGTCATAGGAC
 ACGAAATCACCCATGGCTTCGATGACAATGGCAGAACTTTAACAAAGATGGAGACCTCGTTGACTGGTG
 GACTCAACAGTCTGCAAGTAACCTTAAGGAGCAATCCCAGTGCATGGTGTATCAGTATGGAACCTTTTCC
 TGGGACCTGGCAGGTGGACAGCACCTTAATGGAATTAATACACTGGGAGAAAACATTGCTGATAATGGAG
 GTCTTGGTCAAGCATACAGAGCCTATCAGAATTATATTAAGAAAGATGGCGAAGAAAAATTACTTCTG
 ACTTGACCTAAATCACAAACAACTATTTTCTTGAACCTTGCACAGGTGTGGTGTGGAACCTATAGGCCA
 GAGTATGCGGTAACTCCATTAACACAGATGTGCACAGTCCAGGCAATTCAGGATTATTGGGACTTTGC
 AGAACTCTGCAGAGTTTTCAGAAGCCTTCTACTGCCGCAAGAATTCATACATGAATCCAGAAAAGAAGTG
 CCGGGTTTGG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC223061 protein sequence Red=Cloning site Green=Tags(s) MGKSESQMDITDINTPKPKKKQRWTPLEISLSVLVLLLTIIAVTMIALYATYDDGICKSSDCIKSAARLI QNMDATTEPCTDFFKYACGGWLKRNVIPETSSRYGNFDILRDELEVVLKDVLPQPKTEDIVAVQKAKALY RSCINESAIDSRGGEPLKLLPDIYGPVATENWEQYASWTAEKAIQNLNSKYGKKVLINLFGVTDDK NSVNHVIHIDQPRGLPSRDYECTGIYKEACTAYVDFMISVARLIRQEERLPIDENQLALEMNKVMLE KEIANATAKPEDRNDPMLLYNKMTLAQIQNNFSLKINGKPF SWLNFTNEIMSTVNISITNEEDVVVYAPE YLTKLKPILTKYSARDLQNLMSWRFIMDLVSSLRTYKESRNAFRKALYGTTSETATWRRRCANYVNGNME NAVGRLYVEAAFAGESKHVVEDLIAQIREVFIQTLDDL TWMDAETKKRAEEKALAIKERIGYPDDIVSND NKLNNLEYELNYKEDEYFENIIQNLKFSQSKQLKKLREKYDKDEWISGAAVVNAFYSSGRNQIVFPAGIL QPPFFSAQQSNSLNYGGIGMVGHEITHGFDDNGRNFNKDGDLDVWWTQQSASNFKEQSQCVMYQYGNFS WDLAGGQHLNGINTLGENIADNGGLGQAYRAYQNYIKKNGEEKLLPGLDLNHHKQLFFLNFAQVWCGTYRP EYAVNSIKTDVHSPGNFRRIIGTLQNSAEFSEAFHCRKNSYMNPEKKCRVW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007287
ORF Size:	2250 bp
Buffer:	PBS with 0.001% Pluronic F8604
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:	NM_007287.1
RefSeq Size:	5619 bp
RefSeq ORF:	2253 bp
Locus ID:	4311
UniProt ID:	P08473
Cytogenetics:	3q25.2
MW:	85.5 kDa