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Product datasheet for RC202824A1V

Human MAN1B1 (NM_016219) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MAN1B1 (NM_016219) AAV Particle
Tag:	Myc-DDK
Symbol:	MAN1B1
Synonyms:	ERMAN1; ERManI; MANA-ER; MRT15
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC202824 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGCCTGCGAGGGCAGGAGAAGCGGAGCTCTCGGTTCCTCTCAGTCGGACTTCCTGACGCCGCCAG
TGGGCGGGGCCCCTTGGGCCGTCGCCACCACTGTAGTCATGTACCCACCGCCGCCGCCGCCGCCTCATCG
GGACTTCATCTCGGTGACGCTGAGCTTTGGCGAGAACTATGACAACAGCAAGAGTTGGCGGCGGCGCTCG
TGCTGGAGGAAATGGAAGCAACTGTCGAGATTGCAGCGGAATATGATTCTCTTCCTCCTTGCCTTTCTGC
TTTTCTGTGGACTCCTCTTCTACATCAACTTGGCTGACCATTGGAAAGCTCTGGCTTTCAGGCTAGAGGA
AGAGCAGAAGATGAGGCCAGAAATTGCTGGGTTAAAACCAGCAAATCCACCCGTCTTACCAGCTCCTCAG
AAGGCGGACACCGACCCTGAGAACTTACCTGAGATTTCGTCACAGAAGACACAAAGACACATCCAGCGGG
GACCACCTCACCTGCAGATTAGACCCCCAAGCCAAGACCTGAAGGATGGGACCCAGGAGGAGGCCACAAA
AAGGCAAGAAGCCCCTGTGGATCCCCGCCCGGAAGGAGATCCGCAGAGGACAGTCATCAGCTGGAGGGGA
GCGGTGATCGAGCCTGAGCAGGGCACCGAGCTCCCTTCAAGAAGAGCAGAAGTGCCCACCAAGCCTCCCC
TGCCACCGGCCAGGACACAGGGCACACCAGTGCATCTGAACTATCGCCAGAAGGGCGTGATTGACGTCTT
CCTGCATGCATGGAAAGGATACCGCAAGTTTGCATGGGGCCATGACGAGCTGAAGCCTGTGTCCAGGTCC
TTCAGTGAGTGGTTTGGCCTCGGTCTCACACTGATCGACGCGCTGGACACCATGTGGATCTTGGGTCTGA
GGAAAGAATTTGAGGAAGCCAGGAAGTGGGTGTCGAAGAAGTTACACTTTGAAAAGGACGTGGACGTCAA
CCTGTTTGAGAGCACGATCCGCATCCTGGGGGGGCTCCTGAGTGCCTACCACCTGTCTGGGGACAGCCTC
TTCCTGAGGAAAGCTGAGGATTTTGGAAATCGGCTAATGCCTGCCTTCAGAACACCATCCAAGATTCCTT
ACTCGGATGTGAACATCGGTACTGGAGTTGCCCACCCGCCACGGTGGACCTCCGACAGCACTGTGGCCGA
GGTGACCAGCATTCAGCTGGAGTTCCGGGAGCTCTCCCGTCTCACAGGGGATAAGAAGTTTCAGGAGGCA
GTGGAGAAGGTGACACAGCACATCCACGGCCTGTCTGGGAAGAAGGATGGGCTGGTGCCCATGTTCATCA
ATACCCACAGTGGCCTCTTCACCCACCTGGGCGTATTCACGCTGGGCGCCAGGGCCGACAGCTACTATGA
GTACCTGCTGAAGCAGTGGATCCAGGGCGGGAAGCAGGAGACACAGCTGCTGGAAGACTACGTGGAAGCC
ATCGAGGGTGTCAGAACGCACCTGCTGCGGCACTCCGAGCCCAGTAAGCTCACCTTTGTGGGGGAGCTTG
CCCACGGCCGCTTCAGTGCCAAGATGGACCACCTGGTGTGCTTCCTGCCAGGGACGCTGGCTCTGGGCGT
CTACCACGGCCTGCCCGCCAGCCACATGGAGCTGGCCCAGGAGCTCATGGAGACTTGTTACCAGATGAAC
CGGCAGATGGAGACGGGGCTGAGTCCCGAGATCGTGCACTTCAACCTTTACCCCCAGCCGGGCCGTCGGG
ACGTGGAGGTCAAGCCAGCAGACAGGCACAACCTGCTGCGGCCAGAGACCGTGGAGAGCCTGTTCTACCT
GTACCGCGTCACAGGGGACCGCAAATACCAGGACTGGGGCTGGGAGATTCTGCAGAGCTTCAGCCGATTC
ACACGGGTCCCCTCGGGTGGCTATTCTTCCATCAACAATGTCCAGGATCCTCAGAAGCCCGAGCCTAGGG
ACAAGATGGAGAGCTTCTTCCTGGGGGAGACGCTCAAGTATCTGTTCTTGCTCTTCTCCGATGACCCAAA
CCTGCTCAGCCTGGACGCCTACGTGTTCAACACCGAAGCCCACCCTCTGCCTATCTGGACCCCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202824 protein sequence
Red=Cloning site Green=Tags(s)

MAACEGRRSGALGSSQSDFLTPPVGGAPWAVATTVVMYPPPPPPPHRDFISVTLSFGENYDNSKSWRRRS
CWRKWKQLSRLQRNMILFLLAFLLFCGLLFYINLADHWKALAFRLEEEQKMRPEIAGLKPANPPVLPAPQ
KADTDPENLPEISSQKTQRHIQRGPPHLQIRPPSQDLKDGTQEEATKRQEAPVDPRPEGDPQRTVISWRG
AVIEPEQGTELPSRRAEVPTKPPLPPARTQGTPVHLNYRQKGVIDVFLHAWKGYRKFAWGHDELKPVSRS
FSEWFGLGLTLIDALDTMWILGLRKEFEEARKWVSKKLHFEKDVDVNLFESTIRILGGLLSAYHLSGDSL
FLRKAEDFGNRLMPAFRTPSKIPYSDVNIGTGVAHPPRWTSDSTVAEVTSIQLEFRELSRLTGDKKFQEA
VEKVTQHIHGLSGKKDGLVPMFINTHSGLFTHLGVFTLGARADSYYEYLLKQWIQGGKQETQLLEDYVEA
IEGVRTHLLRHSEPSKLTFVGELAHGRFSAKMDHLVCFLPGTLALGVYHGLPASHMELAQELMETCYQMN
RQMETGLSPEIVHFNLYPQPGRRDVEVKPADRHNLLRPETVESLFYLYRVTGDRKYQDWGWEILQSFSRF
TRVPSGGYSSINNVQDPQKPEPRDKMESFFLGETLKYLFLLFSDDPNLLSLDAYVFNTEAHPLPIWTPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_016219

ORF Size: 2097 bp

Buffer: PBS with 0.001% Pluronic F5367

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_016219.2

RefSeq Size: 2787 bp

RefSeq ORF: 2100 bp

Locus ID: 11253

UniProt ID: Q9UKM7

Cytogenetics: 9q34.3

MW: 79.6 kDa