

Product datasheet for **RC209246A1V**

Human MAN1A2 (NM_006699) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MAN1A2 (NM_006699) AAV Particle
Tag:	Myc-DDK
Symbol:	MAN1A2
Synonyms:	MAN1B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC209246 representing NM_006699
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGACTACCCAGCCCTGCTGCCCTCTCTGGACGTAGGATACCACCTCTGAACCTGGGGCCGCCTTCCT
TCCCACATCACAGGGCTACCTTGAGACTTTCTGAGAAGTTTATTCTTCTCCTTATTCTTAGTGCCTTCAT
CACTCTGTGTTTTGGGGCATTCTTTTCTCCAGACTCTTCAAAACACAAACGCTTTGATTGGGTTTA
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GACCCGATGAACATAGACACAGGAAGAGGAAGAACGTCTGAGAAATAAAATTCGAGCTGATCATGAGAA
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GCACGTAATGTCATGAGTCATATGACAGAACTGCATTAAGCTAGGTCTGAATCATTCAAGTTTGATG
GTGCAGTGGAGGCTGTGGCTGTCCGGCAGGCTGAAAAGTATTATCCTCCGTCCAGAAGTAATTGAAAC
CTATTGGTACCTATGGCGATTCACTCACGATCCAAGATACAGGCAGTGGGGCTGGGAAGCAGCACTGGCC
ATTGAAAAGTATTGCCGAGTTAATGGTGGGTTTTCTGGAGTCAAAGATGTATTTCTCTACTCCTACAC
ATGATGATGTACAGCAGAGCTTTTTTCTTGCTGAAACATTAAATATTTGTATCTGCTGTTCTCCGGTGA
TGACCTTTTACCTTTAGACCACTGGGTGTTAATACAGAGGCTCACCTCTGCCTGTGTTACATTAGCC
AACACCACACTTTCAGGTAATCCTGCTGTTTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209246 representing NM_006699 Red=Cloning site Green=Tags(s) MTTPALLPLSGRRIPPLNLGPPSFPHHRATRLRLSEKFILLILSAFITLCFGAFFFLPDSSSKHKRFDLGL EDVLIPHVDAGKGAKNPGVFLIHGPDEHRHREERLRNKIRADHEKALEEAKEKLKRSREEIRAEIQTE KNKVQEMKIKENKPLPPVIPNLVGIRGGDPEDNDIREKREKIKEMMKHAWDNYRTYGWGHNELRPIAR KGHSPNIFGSSQMGATIVDALDTLYIMGLHDEFDQGWIEDNLDVSVNSEVSVFEVNIREFIGLLAAYY LSGEEIFKIKAVQLAEKLLPAFNTPTGIPWAMVNLKSGVGRNWGWASAGSSILAEFGTLHMEFIHLSYLT GDLTYKVMHIRKLLQKMDRPNGLYPNYLNPRTGRWGQYHTSVGGGLGDSFYEYLLKAWLMSDKTDHEAR KMYDDAIEAIEKHLIKKSRGGLTFIGEWKNGHLEKKMGHLACFAGGMFALGADGSRADKAGHYLELGAEI ARTCHESYDRTALKLGPESEFKFDGAVEAVAVRQAEKYILRPEVIETYWYLWRFTHDPRYRQGWGEAALA IEKYCRVNGGFSGVKDVYSSTPTHDDVQSFFLAETLKYLYLLFSGDDLPLDHWVFNTEAHPLPVLHLA NTTLSGNPAVR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006699
ORF Size:	1923 bp
Buffer:	PBS with 0.001% Pluronic F6399
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_006699.3</u>
RefSeq Size:	5388 bp
RefSeq ORF:	1926 bp
Locus ID:	10905
UniProt ID:	<u>O60476</u>
Cytogenetics:	1p12
MW:	72.8 kDa