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Product datasheet for MR209697A1V

Mouse Man1a2 (NM_010763) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Man1a2 (NM_010763) AAV Particle
Tag:	Myc-DDK
Symbol:	Man1a2
Synonyms:	AI428775; AI528764; AI854422; Man1b; PCR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>MR209697 representing NM_010763
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACTACCCCAGCGCTGCTGCCCCTCTCTGGTCGTAGGATACCACCTTTGAACCTGGGGCCGCCCTCCT
TCCCACATCACAGGGCTACCTTGAGACTCTCCGAGAAGTTTATCCTTCTCCTCATCCTTAGTGCCTTCAT
CACCCTGTGTTTTGGGGCATTCTTCTTCCTTCCAGACTCTTCAAAACACAAACGCTTTGATCTGGGCTTA
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GACCCGACGAACACAGACACAGGGAAGAAGAAGAGCGTCTGAGAAATAAGATTAGAGCTGACCATGAGAA
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CTATTGGTATCTATGGCGATTTACCCACGACCCAAGATACAGGCAGTGGGGCTGGGAAGCAGCACTGGCT
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ATGACGACGTGCAGCAGAGCTTTTTTCTTGCTGAAACATTAAAATACTTGTACCTGCTGTTCTCTGGCGA
TGACCTTCTACCTTTAGACCACTGGGTGTTTAACACAGAGGCGCACCCTCTGCCGGTGTTGCGCTTAGCC
AACAGCACTCTTTCAGGTAATCCTGCTGTCCGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209697 representing NM_010763
Red=Cloning site Green=Tags(s)

MTTPALLPLSGRRIPPLNLGPPSFPHHRATLRLSEKFILLLILSAFITLCFGAFFFLPDSSKHKRFDLGL
EDVLIPHVDAGKGAKNPGVFLIHGPDEHRHREEEERLRNKIRADHEKALEEAKEKLRKSREEIRAEIQTE
KNKVAQAMKTKETRVLPPVPVPQRVGVSGGDPEDMEIKKKRDKIKEMMKHAWDNYRTYGWGHNELRPIAR
KGHSTNIFGSSQMGATIVDALDTLYIMGLHDEFMDGQRWIEENLDFSVNSEVSVFEVNIRFIGGLLAAYY
LSGEEIFKTKAVQLAEKLLPAFNTPTGIPWAMVNLKSGVGRNWGWASAGSSILAEFGTLHMEFVHLSYLT
GDLTYYNKVMHIRKLLQKMERPNGLYPNYLNPRTGRWGQYHTSVGGLGDSFYEYLLKAWLMSDKTDHEAR
RMYDDAVEAIEKHLIKKSRGGLVFIGEWKNGHLERKMGHLACFAGGMFALGADGSRKDKAGHYLELGAEI
ARTCHESYDRTALKLGPESFKFDGAVEAVAVRQAEKYYILRPEVIETYWYLWRFTHDPRYRQWGWEAALA
IEKSCRVSGGFSGVKDVYAPTPVHDDVQQSFFLAETLKYLYLLFSGDDLLPLDHWVFNTEAHPLPVLRLA
NSTLSGNPAVR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_010763

ORF Size: 1923 bp

Buffer: PBS with 0.001% Pluronic F799

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_010763.2, NP_034893.1

RefSeq Size: 7960 bp

RefSeq ORF: 1926 bp

Locus ID: 17156

UniProt ID: P39098

Cytogenetics: 3 F2.2

MW: 73.3 kDa