

Product datasheet for **MR226426A1V**

Mouse Man1b1 (NM_001029983) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Man1b1 (NM_001029983) AAV Particle
Tag:	Myc-DDK
Symbol:	Man1b1
Synonyms:	E430019H13Rik; ERMan1; Gm108; MANA-ER
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR226426 representing NM_001029983
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTACCCACCGCCGCGCCGCCGCGCGCTCACCGGACTTCATCTCGGTGACGCTGAGCCTGGGCG
 AGAGCTACGACAACAGCAAGAGCCGGCGCGCGCTCATGCTGGAGGAAATGGAAGCAGCTTTCGAGGCT
 ACAGCGGAATGTGATTCTCTCGTCTTGGGCTTCTGATTCTCTGTGGATTCTGTACTCTCTTCATACG
 GCTGACCAGTGGAAGCTCTGAGTGGCAGACCTGCAGAAGTAGAGAAGATGAAGCAAGAAGTCTGCCTG
 TCTTACCAGCGCCTCAGAAGGAAAGTCTGAACAAGAAGGTTTGACACATACTCTCTCAGAAGCGCA
 AAGGCATTTTCGGCGGGGCCCTCCCATCTGCAGATTAGACCCCCAACACAGTCTCCAAGGATGGGATG
 CAGGATGATGCTAAGGAGAGAGAAGCAGCCCTGGGAAGGCTCAGCAGGAAGAAAACACACAGAGAACCG
 TCATCAGCTGGCGGGGAGCCGTATTGAGCCTGAACAGGCCACTGAACCTCTTACAAAAGAGCTGAAGC
 CTCCATCAAACCTCTGGTTTTGGCATCCAAGATATGAAAGAGCCAGCCCCCGAATGAGCGCCAGAAG
 GGAGTGATTGAGGCCTTTCTCCATGCTTGAAGGGTTACCAAAAGTTTGCTTGGGGCCATGATGAACTAA
 AACCTGTGTCCAAAACCTTCAGTGAGTGGTTTGGCCTGGGCTCACCTGATCGATGCCTTGGATACCAT
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 AAGAATGTTGATGTCAACCTGTTTGAGAGCACCATTGCGATCTTAGGGGGCCTGCTGAGTACCTACCACC
 TGTGCGGGGACAGCCTCTTCTGACCAAGCTGAAGATTTTGGAAAACGGCTGATGCCTGCCTTCACTAC
 GCCCTCCAAGATCCCATACTCTGATGTGAACATTGGCACTGGATTGCCACTCACCCAGTGGACTTCA
 GACAGCACGGTGGCAGAAGTGACGAGCATTGAGTTGGAGTTCGGGAGCTCTCTCGTCTTACTGGAATAA
 AGAAATTCAGGAGGCCGTGGAGGAAGTGACAAAGCACATCCACTCCCTGTCTGGGAAGAAAGACGGGCT
 GGTGCCTATGTTTCATCAACACGAACAGCGGCCTTTCACCCACCCAGGAGTGTTACCTTGGGGGCCAGG
 GCTGACAGCTACTACGAATACCTGCTGAAACAGTGGATCCAGGTGGCAAGAAGGAGACACAGTTGCTGG
 AAGACTATGTTAAAGCCATTGAGGGGATAAAAGCCCATCTGCTCCGGCAGTCTCAGCCCAGAAAGCTCAC
 CTTCTGTTGGGAACTTGCCACGGCCGCTTCAGTGCCAAGATGGACCACTTAGTGTGCTTCTGCCGGGG
 ACGCTGGCTTTGGGTGTCCACCATGGCCTGCCAGCTGACCACATGGATCTAGCTCGGGCCCTCATGGAGA
 CCTGCTACCAGATGAACCAACAGATGGAGACAGGTCTGAGCCCTGAGATTGCACATTTCAACATGTACCC
 TCGGGCAGATCATAAAGATGTGGAGGTCAAGCCAGCTGACAGGCACAACCTGCTGCGGCCAGAGACGGTG
 GAAAGCCTATTCTATCTGTACCGTGTCAAGGGACCGCAAGTACCAGGACTGGGGCTGGGAAATCCTGC
 AGAGCTTCAATAAGTACACAGGTCCCTCAGGTGGCTATTCTTCTATCAACAACGTCCAGAATTCCCA
 CAAGCCTGAGCCAGGGACAAGATGGAGAGCTTCTTTGTGGGGGAAACCTGAAGTACTTGTACCTGCTC
 TTTTCTGATGACCTGGAGCTGCTCAGTCTGGACAGCTGTGTGTTCAACACAGAAGCCATCCCCTCCCA
 TCTGGGCTCCTGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR226426 representing NM_001029983 Red=Cloning site Green=Tags(s) MYPPPAPPPAPHRDFISVTL SLGESYDNSKSRRRRSCWRKWKQLSRLQRNVILFVLGFLILCGFLYSLHT ADQWKALSGRPAEVEKMKQEVLPVLPAPQKESAEQEGFADILSQKRQRHFRRGPPHLQIRPPNTVSKDGM QDDAKEREAAALGKAQQEENTQRTVISWRGAVIEPEQATELPYKRAEASIKPLVLASKIWKEPAPPNERQK GVIEAFLHAWKGYQKFAWGHDELKPVSKTFSEWFGLGLTLIDALDTMWILGLKQEFKQARKWVSENDFQ KNVDVNLFFESTIRILGGLLSTYHLSGDSLFLTKAEDFGKRLMPAFTTPSKIPYSDVNIQTGFHSPQWTS DSTVAEVTSIQLEFREL SRLTGIIKKFQEAVEEVTKHIHSLSGKKDGLVPMFINTNSGLFTHPGVFTLGAR ADSYEYELLKQWIQGGKKETQLLEDYVKAIEGIIKAHLLRQSQRKLTFVGELAHGRFSAKMDHLVCFPLG TLALGVHHGLPADHMDLARALMETCYQMNQOMETGLSPEIAHFNMYPADHKDVEVKPADRHNLRLPETV ESLFYLYRVTRDRKYQDWGWEILQSFNKYTRVPSGGYSSINNVQNSHKPEPRDKMESFFVGETLKYLYLL FSDDLELLSLDSCVFNTEAHPLI WAPA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001029983
ORF Size:	1974 bp
Buffer:	PBS with 0.001% Pluronic F4109
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_001029983.2, NP_001025154.1</u>
RefSeq Size:	3748 bp
RefSeq ORF:	1977 bp
Locus ID:	227619
UniProt ID:	<u>A2AJ15</u>
Cytogenetics:	2 A3
MW:	75.6 kDa