

Product datasheet for **RC228357A1V**

Human MLN64 (STARD3) (NM_001165937) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MLN64 (STARD3) (NM_001165937) AAV Particle
Tag:	Myc-DDK
Symbol:	MLN64
Synonyms:	CAB1; es64; MLN64
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC228357 representing NM_001165937
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGAGCAAGCTGCCAGGGAGCTGACCCGAGACTTGGAGCGCAGCCTGCCTGCCGTGGCCTCCCTGGGCT
 CCTCACTGTCCCACAGCCAGAGCCTCTCCTCGACCTCCTTCCGCCGCTGAGAAGCGAAGGGCCATCTC
 TGATGTCCGCCGACCTTCTGTCTCTTCGTACCTTCGACCTGCTCTTCATCTCCCTGCTCTGGATCATC
 GAACTGAATACCAACACAGGCATCCGTAAGAACTTGGAGCAGGAGATCATCCAGTACAACCTTTAAACTT
 CCTTCTCGACATCTTTGTCTGGCCTTCTTCCGCTTCTCTGGACTGCTCCTAGGCTATGCCGTGCTGCG
 GCTCCGGCACTGGTACGACGCTGGTGTCCAGTGCATTCTCATTGTCAAGGTATCCTCTCTGAGCTGC
 TCAGCAAAGGGGCACTTGGCTACCTGCTCCCATCGTCTCTTTGTCTCGCTGGTGGAGACCTGGTT
 CCTTGACTTCAAAGTCTACCCAGGAAGCTGAAGAGGAGCGATTCTGCTCCTCCAGGTATCTTGCCGC
 CCAGGTTGCTGTTGCCGTGGACCCCTGCTGTTCTCCGGTCTCTGTCCGAGGGACAGTTCTATTACCC
 CCAGAATCCTTTGAGGGTCTGACAATGAATCAGATGAAGAAGTTGCTGGGAAGAAAAGTTTCTCTGCTC
 AGGAGCGGGAGTACATCCGCCAGGGGAAGGAGGCCACGGCAGTGGTGGACCAGATCTTGCCCCAGGAAGA
 GAACTGGAAGTTTGAGAAGAATAATGAATATGGGGACACCGTGTACACCATTTGAAGTTCCCTTTACGGC
 AAGACGTTTATCTGAAGACCTTCTGCCCTGTCTGCGGAGCTCGTGTACCAGGAGGTGATCTGCAGC
 CCGAGAGGATGGTGTGTGGAACAAGACAGTGAAGTGCCTGCCAGATCTGCAGCGAGTGGAGACAACAC
 CCTCATCTCCTATGACGTGTCTGAGGGGCTGCGGGCGCGTGGTCTCCCAAGGACTTCGTGAATGTC
 CGGCGCATTGAGCGGCGCAGGGACCGATACTTGTATCAGGGATCGCCACCTCACACAGTGCCAGCCCC
 CGACGCACAAATATGTCCGGGGAGAGAATGGCCCTGGGGCTTCATCGTGCTCAAGTCGCCAGTAACCC
 CCGTGTTTGACCTTTGTCTGGATTCTTAATACAGATCTCAAGGGCCGCTGCCCGGTACCTCATCCAC
 CAGAGCCTCGCGGCCACCATGTTGAATTTGCCTTTACCTGCGACAGCGCATCAGCGAGCTGGGGGCC
 GGGCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228357 representing NM_001165937
 Red=Cloning site Green=Tags(s)

MSKLPRELTRDLERSLPAVASLGSSLSHSQSLSSHLLPPPEKRRRAISDVRRFTCLFVTFDLLFISLLWII
 ELNNTNGIRKNLEQEI IQYNFKTSFFDIFVLAFFRFSGLLLGYAVLRLRHWSRRWCPVHSSLSRSSSLSC
 SAKGHLATCSPSSLLSSPGWRPGLTSKSYPRKLKRSDSAPPGYLAQVAVARGPLLFSGALSEGQFYSP
 PESFAGSDNESDEEVAGKKSFSQEREYIRQGKEATAVVDQILAQEENWKFEKNNEYGDTVYTIIEVPFHG
 KTFILKTFLPCPAELVYQEVILQPERMVLWNKTVTACQILQRVEDNTLISYDVSAGAAGGVVSPRDFVNV
 RRIERRRDRYLSSGIATSHSAKPPTHKYVRGENGPGGFIVLKSASNPRVCTFVWILNTDLKGRLPRYLIIH
 QSLAATMFEFAFHLRQRISELGARA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001165937

ORF Size:

1335 bp

Buffer:

PBS with 0.001% Pluronic F68

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_001165937.1</u> , <u>NP_001159409.1</u>
RefSeq ORF:	1338 bp
Locus ID:	10948
UniProt ID:	<u>Q14849</u>
Cytogenetics:	17q12
MW:	49.8 kDa