

Product datasheet for **MR223719A1V**

Mouse Krt75 (NM_133357) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Krt75 (NM_133357) AAV Particle
Tag:	Myc-DDK
Symbol:	Krt75
Synonyms:	4732468K03Rik; AA589387; K6hf; Krt2-6hf; Krtcap1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR223719 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGTCCCGCAATCCACCATCACCTTCCACTCCGGCAGCCGAGGGGCTTCAGCACAGCCTCAGCCACCA
CACCTACGGCTGGACGCTCCCGCTTCAGCTCCGTGTCTGTGGCCGCTCCTCAGGAAACAGTGGGGGACT
GGGCAGGATCAGTGGTATTGGTTCTGGCTTTGGAAGCCGAGCCTCTACAACCTAGGGGGACCCGGCGG
GTCTCCATTGGTGGCTGTGCTGGCAGTGGCTTCAGGGGTGGCTTTGGTGGCAGGACTAGCAGTGGCTTTG
GGGGCAGCAGTGGCTTTGCTTATGGAGGTGGCATTGGAGGGGGCTTTGGTGGCCCTGGCTTCTGTCTG
TCCCTCTGGAGGCATTACGGAAGTTACTGTCAACCAGAGCCTCCTGACTCCCCTCAACCTGCAATCGAC
CCCCTATCCAGCGGGTCCGAAAGAAGAACGGGAGCAGATCAAGACTCTGAACAACAAGTTCGCCTCCT
TCATTGACAAGGTACGCTTCTGGAGCAGCAGAACAAGGTCTGGAGACCAAGTGAATCTCCTGCAGGA
GCAGGGCTCTAGGACAGTCAGACAGAACCTGGAGCCTTTCTTCGATACATATGTCAATGACCTCCGCCGG
CAGCTGGATGGCATCACAGCTGAAAGAGGCAGACTGGATGCTGAAGTGAAGAACATGCAGGAGGTTGTAG
AAGACTTCAAAGTCAGGTATGAAGACGAAATTACAAGCGTGGCGCTGCCGAGAATGAGTTCGTGGGCT
GAAAAAGGACGTAGACAGTGCCTACATGAACAAGGTGGAGCTGGAAGCGAAGGTCGACTCTCTGACTGAC
CAGATCAACTTCTACCGATGATCTATGAGGCAGAGCTGTCTCAGATGCAGAACCAGGTGAGTGACACCT
CTGTGGTCTCTCCATGGACAACAACCGCAGCCTGGACCTGGACAGCATCATCGCCGAGGTCAAGGCCCA
GTACGAGGACATTGCCAACCGAAGCCGGGCAGAGGCTGAGTCTGGTACCAGACGAAGTATGAGGAGCTG
CAGGTGACCGCAGGCCGGCATGGTGATGACCTCCGCAACCAACAAGAGATTCAGAGATGAACCGGA
TGATCCAGAGGCTCAGATCTGAGATTGATGCCGTCAAGAAGCAGTGTCCAGCTTACAACTGCTATCTC
TGACGCTGAGCAGCGTGGAGAGCTAGCTCTCAAGGATGCCCGGCCAAGCTGATGGAGCTTGAAGATGCC
CTACAGAAAGCCAAGCAGGACATGGCCAGGTTGCTTCGAGAGTACCAGGAACCTCATGAACGTCAAAGTGG
CCTTGGATGTGGAGATCGCCACCTACAGGAAGCTGCTGGAAGGCGAGGAGTGCAGGCTGAGCGGAGAGGG
AGTTTCCCAAGTGAACATCTCTGTGGTCACTTCTACGGTTTCCAGTGGCTATGGCGGTGGTGCCAACTT
GGAGGTGGAAGCTGGGTCTTGGTGGGAACAGTGGCTACTCCTTCACGACCAAGTGGTGGGCACAGCCTGG
GCACAGGTCTGGGAGGCTCTGGCTTTACCACCACCAGCAGCCGGGGCCAGTGGGCAGTGGCTCCAGCAT
CAAGTTTGTCTCCAGCACATCATCCAGAAAGAGTTACAAGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223719 protein sequence

Red=Cloning site Green=Tags(s)

 MSRQSTITFHSGSRRGFSTASATPTAGRSRFSVSVARSSGNSGGLGRISGIGSGFGSRSLYNLGGTRR
VSIGGCAGSGFRGGFGGRTSSGFGSSGFAYGGGIGGGFGGPGFSVCPSSGGIQEVTVNQSLLTPLNLQID
PTIQRVRKEEREQIKTLNNKFASFIDKVRFLQKNKVLTKWNLLQEQGSRTVRQNLPEFFDITYNDLRR
QLDGITAERGLDAELRNMQEVVEDFKVRYEDEINKRAAAENEFVGLKKDVDSAYMNKVELEAKVDLSLTD
QINFYRMIYEAEQSQMKNQVSDTSVVLSDNNRSLDLDSIIAEVKAQYEDIANRSRAEASWYQTKYEEL
QVTAGRHGDDLNTKQEI SEMNRMIQRLRSEIDAVKKQCSSLQTAISDAEQRGELALKDARAKLMELEDA
LQKAKQDMARLLREYQELMNVKLALDVEIATYRKLLLEGEECRLSGEGVSPVNISVVTSTVSSGYGGGANI
GGGSLGLGGNSGYSFTTSGGHSGLTGLGGSGFTTSSRGPVSGSSIKFVSSTSSRSYKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_133357

ORF Size:	1653 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_133357.3, NP_579935.1</u>
RefSeq Size:	3268 bp
RefSeq ORF:	1656 bp
Locus ID:	109052
UniProt ID:	<u>Q8BGZ7</u>
Cytogenetics:	15 56.91 cM
MW:	59.7 kDa