

Product datasheet for **RC223787A1V**

Human Uromuroid (UMOD) (NM_003361) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Uromuroid (UMOD) (NM_003361) AAV Particle
Tag:	Myc-DDK
Symbol:	UMOD
Synonyms:	ADMCKD2; ADTKD1; FJHN; HNFJ; HNFJ1; MCKD2; THGP; THP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223787 representing NM_003361
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCAGCCATCTCTGACTTGGATGCTGATGGTGGTGGCCTCTTGGTTTCATCACAACGAGCCCA
 CTGACACCTCAGAAGCAAGATGGTGCTCTGAATGTCACAGCAATGCCACCTGCACGGAGGATGAGGCCGT
 TACGACGTGCACCTGTCAGGAGGGCTTACCGGCGATGGCCTGACCTGCGTGGACCTGGATGAGTGCGCC
 ATTCCTGGAGCTCACAACGCTCCGCCAACAGCAGCTGCGTAAACACGCCAGGCTCCTTCTCCTGCGTCT
 GCCCCGAAGGCTTCCGCTGTCGCGCGGTCTCGGCTGCACAGACGTGGATGAGTGCCTGAGCCTGGGCT
 TAGCCACTGCCACGCCCTGGCCACATGTGTCAATGTGGTGGGAGCTACTTGTGCGTATGCCCGCGGGC
 TACCGGGGGGATGGATGGCACTGTGAGTGTCCCGGGCTCCTGCGGGCCGGGTTGGACTGCGTGCCCG
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 GAGTGTACCTGGCGTACTGCACAGACCCAGCTCCGTGGAGGGGACGTGTGAGGAGTGCAGTATAGACG
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 ACCGGGACTGGGTGTCTGTAGTGACCCAGCCGGGATGGCCCTGTGGGACAGTGTGACGAGGAATGA
 AATCCATGCCACTTACAGCAACACCCCTTACCTGGCAGATGAGATCATCATCCGTGACCTCAACATCAAA
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 CTACACGACGCCCTACCAAGGCTCCTCCGTGACACTGTCCACTGAGGCTTTTCTCTACGTGGGACCATG
 TTGGATGGGGGCGACCTGTCCGATTTGCACTGCTCATGACCAACTGCTATGCCACACCCAGTAGCAATG
 CCACGGACCCCTGAAGTACTTCATCATCCAGGACAGATGCCACACACTAGAGACTCAACTATCCAAGT
 GGTGGAGAATGGGAGTCTCCAGGGCCGATTTTCCGTCCAGATGTTCCGGTTTGTGGAAGTATGAC
 CTAGTCTACCTGCACTGTGAAGTCTATCTCTGTGACACCATGAATGAAAAGTGAAGCCTACCTGCTCTG
 GGACCAGATTCGAAAGTGGGAGTGTATAGATCAATCCCGTGTCTGAACTTGGGTCCCATCACACGGAA
 AGGTGTCCAGGCCACAGTCTCAAGGGCTTTTAGCAGCTTGGGGCTCCTGAAAGTCTGGTGCCTCTGCTT
 CTCTCGGCCACCTTGACCCTGACTTTTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC223787 representing NM_003361 Red=Cloning site Green=Tags(s) MGQPSLTWMLMVVASWFITTAATDTSEARWCSECHSNATCTEDEAVTTCTCQEGFTGDGLTCVDLDECA IPGAHNCSANSSCVNTPGSFSCVCEPGLSPGLGCTDVDECAEPGLSHCHALATCVNVVGSYLCVCPAG YRGDGHCECSPGSCGPGDCVPEGDALVCADPCQAHRTLDEYWRSTEYGEYACDLDLRGWYRFVGGG ARMAETCVPVLCNTAAPMWLNGTHPSSDEGIYSRKACAHWSGHCLWDASVQVKACAGGYVYNLTAPP ECHLAYCTDPSSVEGTCEECSIDEDCKSNNGRWHCQCKQDFNITDISLLEHRLECGANDMKVSLGKCQLK SLGFDKVFMYLSDSRCSGFNDRDNRDWVSVVTPARDGPCGTVLTRNETHATYSNTLYLADEIIIRDNLNIK INFACSYPLDMKYSKLTALQPMVSALNIRVGGTGMFTVRMALFQTPSYTQPYQGSSVTLSTEAFLYVGTM LDGGDLRFALLMTNCYATPSSNATDPLKYFIIQDRCPHTRDSTIQVVENGESSQGRFSVQMFRFAGNYD LVYLHCEVYLCDTMNEKCKPTCSGTRFRSGSVIDQSRVLNLGPITRKGQVATVSRAFSSLGLLKVWLPLL LSATLTLTFQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003361
ORF Size:	1920 bp
Buffer:	PBS with 0.001% Pluronic F8710
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_003361.2</u>
RefSeq Size:	2327 bp
RefSeq ORF:	1923 bp
Locus ID:	7369
UniProt ID:	<u>P07911</u>
Cytogenetics:	16p12.3
MW:	69.76 kDa