

Product datasheet for **RC219597A1V**

Human Chromosome X open reading frame 6 (MAMLD1) (NM_005491) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Chromosome X open reading frame 6 (MAMLD1) (NM_005491) AAV Particle
Tag:	Myc-DDK
Symbol:	MAMLD1
Synonyms:	CG1; CXorf6; F18; HYS2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219597 representing NM_005491
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGACTGGAAAAGTCGGCTTGTAAATCAAGAGCATGCTTCCCCATTCGCCATGGTGGGAAATCGTC
 AGGAGCCAGAAAAGCTCCAGGAATCGGGAAAGAAGCCCTCGTGGATGGAGGAAGAAGATTATCTTTTCT
 CTACAAGAGCAGCCAGGAAGAAAGCATCAGGGAAGTGTAAAGAGGAGACAAGAAGAAGACCACTTCCAG
 TTTCCAGACATGGCTGATGGGGCTACCTAATAAAATTAAGAGGCCTTGCCTTGAAGATGTACCCCTTG
 CAATGGGCCCAGGTGCTCATCTAGTACTGCTTGTGCAGAACTGCAGGTCCCTCCATTGACAATAAATCC
 TAGCCCTGCGGCTATGGAGTGGCTGGCCAGTCATTACTGCTGGAGAATAACCTATGAATGGCAACATC
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 CTTGCCACAGCAGTCTTCAACCCACAGTGTTCCCTGATCCGAAGCCTCACTCCACCAGTAATCTTCTA
 AGCCAGCAACAGCAGCAGCAGCAGCAGCAGCAGCAAGCAATGTGATCTTTAAGCCATAAGCAGCAACT
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 TACTTTTGGCAACACCAAGCCCTTGTCCTATTTGTTTCTGAGCCGGTCCCCAGAAGATGCCCTCCATG
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 TGACCATTTCTTATTCTTCTGCAGCAGATGATGCAGCAACCCAGCGTTTTTCAGCGATCAGTGGCTCA
 GATTCCATGCCTGCTCTGCCAGACAGGGCTGTTGCCATCTGTTTGCATGGACTTCTGCAGCTAGCTCGG
 TGAAGCCCCAGCATCAACACGGGAAGCTTTCACTAGCAGGCAAGATCCTCAGCCTGGAGACGTGTACCC
 GTCTAACATTACTCATGTAGACAAAGCCTGCAAGCTTGGGGAAGCCAGGCACCCCAAGTCCAGCCTCGG
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 TGGCCCGAGTCACCTCCTCGTACAGCACCTCAGAGGCAGCGCCCTGGGGCAGCTGGGATCCGAAGGCCTG
 GAGGCAGGTGCCCGCTCCACTACTGCCTAGCTGCGACGCCACAGCAAGAGGAACAGAGATCAGGTCTTAT
 GGCAATGACCCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219597 representing NM_005491 Red=Cloning site Green=Tags(s) MDDWKSRLVIKSMLPHFAMVGNRQEPRKLQESGKKPSWMEEDLSFLYKSSPGRKHQGTVKRRQEEDHFQ FPDMA DGGYPNLIKRPCLEDTV LAMGPAHPSTACAE LQVPLTINPSPAAMGVAGQSLLENNPMNGNI MGSPFVVPQTTEVGLKGPTVPYIEKINSVPAVDQELQELLEELTKIQDPSPNELDLEKILGTKEEPLVL DHPQATLSTTPKPSVQMSHLESLASSKEFASSCSQVTGMSLQIPSSSTGISYSIPSTSKQIVSPSSSMAQ SKSQVQAML PVALPPLPVPQWHHAHLKALAASKQGSATKQQGPTPSWSGLPPPGLSPPYRPVPSPHPPP LPLPPPPPPFSPQSLMVSCMSSNTLSGSTLRGSPNALLSSMTSSSNAALGPAMPYAEKLPSPALTQQPQ FGPQSSILANLMSSTIKTPQGHLSALPASNPGSPPYRPEKLSPPGLPQQSFTPQCSLIRSLTPTSNLL SQQQQQQQQQQANVIFKPISSNSSKTL SMIMQQGMASSSPGATEPFTFGNTKPLSHFVSEPGQKMPMSM PTTSRQPSLLHYLQQPTPTQASSATASSTATATLQLQQQQQQQQPDHSSFLQMMQQPQRFQRSVAS DSMPALPRQGCCHLFAWTSAASSVKPQHGHGNSFTSRQDPQPGDVSPSNITHVDKACKLGEARHPQVSLG RQPPSCQALGSESFLPGSSFAHELARVTSSYSTSEAAPWGSWDPKAWRQVPAPLLPSCDATARGTEIRSY GNDP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005491
ORF Size:	2322 bp
Buffer:	PBS with 0.001% Pluronic F8022
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_005491.2 , NP_005482.2
RefSeq Size:	4636 bp
RefSeq ORF:	2325 bp
Locus ID:	10046
UniProt ID:	Q13495
Cytogenetics:	Xq28
MW:	83.1 kDa