

Product datasheet for **RC225939A1V**

Human MYH (MUTYH) (NM_001128425) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MYH (MUTYH) (NM_001128425) AAV Particle
Tag:	Myc-DDK
Symbol:	MYH
Synonyms:	MYH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC225939 representing NM_001128425
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGACACCGCTCGTCTCCCGCTGAGTCGTCTGTGGGCCATCATGAGGAAGCCACGAGCAGCCGTGGGAA
 GTGGTCACAGGAAGCAGGCAGCCAGCCAGGAAGGGAGGCAGAAGCATGCTAAGAAACAACAGTCAGGCCAA
 GCCTTCTGCCTGTGATGCCTGTGCAGGGATGATTGCTGAGTGTCTGGGGCCCCAGCAGGCCTGGCCAGG
 CAGCCGGAAGAGGTGGTATTGCAGGCCTCTGTCTCCTCATACCATCTATTAGAGACGTAGCTGAAGTCA
 CAGCCTTCGAGGGAGCCTGCTAAGCTGGTACGACCAAGAGAAACGGGACCTACCATGGAGAAGACGGGC
 AGAAGATGAGATGGACCTGGACAGGCGGCATATGCTGTGTGGGTCTCAGAGGTCATGCTGCAGCAGACC
 CAGGTTGCCACTGTGATCAACTACTATACCGGATGGATGCAGAAGTGGCTACACTGCAGGACCTGGCCA
 GTGCTTCCCTGGAGGAGTGAATCAACTCTGGGCTGGCCTGGGCTACTATTCTCGTGGCCGGCGGCTGCA
 GGAGGGAGCTCGAAGGTGGTAGAGGAGCTAGGGGGCCACATGCCACGTACAGCAGAGACCTGCAGCAG
 CTCCTGCCTGGCGTGGGGCGCTACACAGCTGGGGCCATTGCCTCTATCGCCTTTGGCCAGGCAACCGGTG
 TGGTGGATGGCAACGTAGCACGGGTGCTGTGCCGTGTCCGAGCCATTGGTGTGATCCCAGCAGCACCT
 TGTTTCCACGAGCTCTGGGGTCTAGCCACGAGCTGGTGGACCCAGCCCGGCCAGGAGATTTCAACCAA
 GCAGCCATGGAGCTAGGGGCCACAGTGTGTACCCACAGCGCCCACTGTGCAGCCAGTGCCTGTGGAGA
 GCCTGTGCCGGGCACGCCAGAGAGTGGAGCAGGAACAGCTCTTAGCCTCAGGGAGCCTGTGGGCGAGTCC
 TGACGTGGAGGAGTGTCTCCCAACTGGACAGTGCACCTGTGCCTGCCTCCCTCGGAGCCCTGGGAC
 CAGACCCTGGGAGTGGTCAACTTCCCCAGAAAGGCCAGCCGCAAGCCCCCAGGGAGGAGAGCTCTGCCA
 CCTGTGTTCTGGAACAGCCTGGGGCCCTTGGGGCCCAATTCTGCTGGTGCAGAGGCCCAACTCAGGTC
 GCTGGCAGGACTGTGGGAGTTCCCGTCCGTGACCTGGGAGCCCTCAGAGCAGCTTCAGCGCAAGGCCCTG
 CTGCAGGAACACAGCGTTGGGCTGGGCCCCCTCCAGCCACGCACCTCCGGCACCTTGGGAGGTTGTCC
 ACACCTTCTCTACATCAAGCTGACATATCAAGTATATGGGCTGGCCTTGAAGGGCAGACCCAGTGAC
 CACCGTACCACAGGTGCTCGCTGGCTGACGCAGGAGGAATTTACACCCGAGCTGTTTCCACCGCCATG
 AAAAAGGTTTTCCGTGTGTATCAGGGCCAACAGCCAGGACCTGTATGGGTTCCAAAAGGTCCAGGTGT
 CCTCTCCGTGCAGTCGAAAAAGCCCCGCATGGGCCAGCAAGTCTGGATAATTTCTTTCGGTCTACAT
 CTCCACTGATGCACAGCCTCAACAGTGCAGCCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225939 representing NM_001128425
 Red=Cloning site Green=Tags(s)

MTPLVSRLSRLWAIMRKPRAAVSGSHRKQAASQEGRQKHAKNNSQAKPSACDACAGMIAECPGAPAGLAR
 QPEEVVLQASVSSYHLFRDVAEVTAFRGSLLSWYDQEKRDLPWRRRAEDEMDLDRRAYAVWVSEVMLQQT
 QVATVINYYTGWMQKWPTLQDLASASLEEVNQLWAGLGYYSRGRRLQEGARKVVEELGGHMPRTAETLQQ
 LLPGVGRYTAGAIASIAFGQATGVVDGNVARVLCRVRAIGADPSSTLVSQQLWGLAQQLVDPARPGDFNQ
 AAMELGATVCTPQRPLCSQCPVESLRCRQRVEQEQLLASGSLSGSPDVEECAPNTGQCHLCLPPSEPWD
 QTLGVVNFPRKASRKPPREESSATCVLEQPGALGAQILLVQRPNSGLLAGLWEFSPVTWEPSEQLQRKAL
 LQELQRWAGPLPATHLRHLGEVVHTFSHIKLYQVYGLALEGQTPVTTVPPGARWLTQEEFHAAVSTAM
 KKVFRVYQGGQPGTCMGSKRSQVSSPCSRKKPRMGQQVLDNFFRSHISTDAHSLNSAAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001128425

ORF Size:	1647 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_001128425.1</u>
RefSeq ORF:	1650 bp
Locus ID:	4595
UniProt ID:	<u>Q9UIF7</u>
Cytogenetics:	1p34.1
MW:	60.1 kDa