

Product datasheet for **RC212609A1V**

Human MYH (MUTYH) (NM_001048172) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MYH (MUTYH) (NM_001048172) 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:

>RC212609 representing NM_001048172
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGAAGCCACGAGCAGCCGTGGGAAGTGGTACAGGAAGCAGGCAGCCAGCCAGGAAGGGAGGCAGA
 AGCATGCTAAGAACAACAGTCAGGCCAAGCCTTCTGCCTGTGATGCAGGCCTGGCCAGGCAGCCGGAAGA
 GGTGGTATTGCAGGCCTCTGTCTCCTCATAACCATCTATTAGAGACGTAGCTGAAGTACAGCCTTCCGA
 GGGAGCCTGCTAAGCTGGTACGACCAAGAGAAACGGGACCTACCATGGAGAAGACGGGCAGAAGATGAGA
 TGGACCTGGACAGGCGGCATATGCTGTGTGGTCTCAGAGGTATGCTGCAGCAGACCCAGGTTGCCAC
 TGTGATCAACTACTATACCGGATGGATGCAGAAGTGGCCTACACTGCAGGACCTGGCCAGTGCTTCCCTG
 GAGGAGGTGAATCAACTCTGGGCTGGCCTGGGCTACTATTCTCGTGGCCGGCGGCTGCAGGAGGGAGCTC
 GGAAGGTGGTAGAGGAGCTAGGGGGCCACATGCCACGTACAGCAGAGACCCTGCAGCAGCTCCTGCCTGG
 CGTGGGGCGCTACACAGCTGGGGCCATTGCCTCTATCGCCTTTGGCCAGGCAACCGGTGTGGTGGATGGC
 AACGTAGCACGGGTGCTGTGCCGTGTCCGAGCCATTGGTGTGATCCCAGCAGCACCCCTGTTTCCACAGC
 AGCTCTGGGGTCTAGCCACGAGCTGGTGGACCCAGCCCGCCAGGAGATTTCAACCAAGCAGCCATGGA
 GCTAGGGGCCACAGTGTGTACCCACAGCGCCACTGTGCAGCCAGTGCCTGTGGAGAGCCTGTGCCGG
 GCACGCCAGAGAGTGGAGCAGGAACAGCTCTTAGCCTCAGGGAGCCTGTCCGGCAGTCTGACGTGGAGG
 AGTGTGCTCCCAACACTGGACAGTGCCACCTGTGCCTGCCTCCCTCGGAGCCCTGGGACCAGACCCCTGGG
 AGTGGTCAACTCCCCAGAAAGGCCAGCCGCAAGCCCCCAGGGAGGAGACTCTGCCACCTGTGTTCTG
 GAACAGCCTGGGGCCCTGGGGCCAAATCTGCTGGTGCAGAGGCCAACTCAGGTCTGCTGGCAGGACT
 TGTGGGATTCCTCGTCCGTGACCTGGGAGCCCTCAGAGCAGCTTACGCGCAAGGCCCTGCTCGAGGAAC
 ACAGCGTTGGGCTGGGCCCTCCAGCCACGCACCTCCGGCACCTTGGGGAGGTTGTCCACACCTTCTCT
 CACATCAAGCTGACATATCAAGTATATGGGCTGGCCTTGAAGGGCAGACCCAGTGACCACCGTACCAC
 CAGGTGCTCGTGGTACGCAGGAGGAATTTACACCCGAGCTGTTTCCACCGCATGAAAAAGGTTTTT
 CCGTGTGTATCAGGGCCAAACAGCCAGGGACCTGTATGGGTTCCAAAAGTCCCAGGTGCTCTCCGTGC
 AGTCGGAAAAAGCCCGCATGGGCCAGCAAGTCTGGATAATTTCTTTCGGTCTCACATCTCCACTGATG
 CACACAGCCTCAACAGTGCAGCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MRKPRAAVGSGHRKQAASQEGRQKHAKNNSQAKPSACDAGLARQPPEEVLQASVSSYHLFRDVAEVTAFR
 GSLLSWYDQEKRDLPWRRRAEDEMDLDRRAYAVWVSEVMLQQTQVATVINYYTGWMQKWPTLQDLASASL
 EEVNQLWAGLGYYSRGRRLQEGARKVVEELGGHMPRTAETLQQLLPVGRYTAGAIASIAFGQATGVVDG
 NVARVLCRVRAIGADPSSTLVSQQLWGLAQQLVDPARPGDFNQAAMELGATVCTPQRPLCSQCPVESLCR
 ARQRVEQEQLLASGSLSGSPDVEECAPNTGQCHLCLPPSEPWDQTLGVVNFPRKASRKPREESSATCVL
 EQPGALGAQILLVQRPNSGLLAGLWEFPSVTWEPSEQLQRKALLQELQRWAGPLPATHLRHLGEVHTFS
 HIKLTYQVYGLALEGQTPVTTVPPGARWLQEEFHAAVSTAMKKVFRVYQGGQPGTCMGSKRSQVSSPC
 SRKKPRMGQQVLDNFFRSHISTDAHSLNSAAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001048172

ORF Size:

1566 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_001048172.1, NP_001041637.1</u>
RefSeq Size:	1794 bp
RefSeq ORF:	1569 bp
Locus ID:	4595
UniProt ID:	<u>Q9UIF7</u>
Cytogenetics:	1p34.1
MW:	57.3 kDa