

Product datasheet for **RC207238A1V**

Human LYRIC (MTDH) (NM_178812) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LYRIC (MTDH) (NM_178812) AAV Particle
Tag:	Myc-DDK
Symbol:	MTDH
Synonyms:	3D3; AEG-1; AEG1; LYRIC; LYRIC/3D3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207238 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTGCACGGAGCTGGCAGGACGAGCTGGCCAGCAGGCCGAGGAGGGCTCGGCCCGCTGCGGAAA
 TGCTCTCGGTCGGCTAGGCTTTCTGCGCACCGAGCTGGGCCTCGACCTGGGGCTGGAGCCGAAACGGTA
 CCCCAGGCTGGGTGATCTGTTGGGCACTGGCGCGCTCGGGCTGCTGCTGCTGTTTCTGCTGGGCTACGGC
 TGGGCCCGGGCTTGCGCCGGCTCCCGCAAAAAGCGGAGGAGCCGCCCGCAAGCGGGAGGAGCGCGCG
 CCGTGCCGGCCCGGCCCGGACGACCTGGCCTTGTGAAGAATCTCCGAGCGAGGAACAGAAGAAGAA
 GAACCGGAAGAACTGTCCGAGAAGCCAAACCAATGGGCGGACTGTTGAAGTGGCTGAGGGTGAAGCT
 GTTCGAACACCTCAAAGTGTAAACAGCAAAGCAGCCACCAGAGATTGACAAGAAAAATGAAAAGTCAAAGA
 AAAATAAGAAGAAATCAAAGTCAGATGCTAAAGCAGTGCAAAACAGTTCACGCCATGATGAAAAGGAAGT
 TGATGAAGGAGCCTGGGAACTAAAATTAGTCACAGAGAGAAACGACAGCAGCGTAAACGTGATAAGGTG
 CTGACTGATTCTGGTTCAATTGGATTCACTATCCCTGGGATAGAAAATACCATCACAGTTACCACCGAGC
 AACTTACAACCGCATATTTCTGTTGGTTCCAAGAAGAATAAAGGTGATTCTCATCTAAATGTTCAAGT
 TAGCAACTTTAAATCTGGAAGGAGATTCTACACTTCAGGTTTCTTCAGGATTGAATGAAAACCTCACT
 GTCAATGGAGGAGGCTGGAATGAAAAGTCTGTAAACTCTCTCACAGATCAGTGCAGGTGAGGAGAAGT
 GGAACCTCCGTTTACCTGCTTCTGCAGGAAAGAGGAAAGCTGAGCCATCTGCCTGGAGTCAAGACACTGG
 AGATGCTAATACAAATGGAAAAGACTGGGGAAGGAGTTGGAGTGACCGTTCAATATTTCTGGCATTGGG
 TCTACTGCTGAGCCAGTTTCTCAGTCTACCCTTCTGATTATCAGTGGGATGTTAGCCGTAAATCAACCCT
 ATATCGATGATGAATGGTCTGGGTTAAATGGTCTGCTTCTGCTGATCCCAACTCTGATTGGAATGCACC
 AGCAGAAGAGTGGGGCAATTGGGTAGACGAAGAAAGAGCTTCACTTCTAAAGTCCCAGGAACCAATTCTCT
 GATGATCAAAAGGTCTCAGATGATGATAAAGAAAAGGAGAGGGAGCTTCTCAACTGGGAAATCCAAAA
 AGAAAAAAGAAAAAGAAGAAGCAAGGTGAAGATAACTCTACTGCACAGGACACAGAAGATTAGAAAA
 AGAGATTAGAGAAGACCTTCCAGTGAATACCTCTAAACCCGTCCAAACAGGAAAAAGCTTTTTCTTG
 AAGACCATAAGCACTAGTGATCCAGCCGAAGTACTCGTCAAAATAGCCAGCCTATCAAGACTCTCCAC
 CTGCTACTTCTACCGAGCCATCTGTAATCTTATCAAAAAGTGATTCTGACAAGAGCTCTTCCAAGTGCC
 GCCAATACTACAAGAGACAGATAAATCCAAGTCAAATACCAAGCAAAATAGTGTGCCTCCTTACAGACC
 AAGTCTGAAACTAGCTGGGAATCTCCCAACAAATAAAAAAGAAGAAAAAGCCAGACGAGAAACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207238 protein sequence
 Red=Cloning site Green=Tags(s)

MAARSWQDELAQQAEEGSARLREMLSVGLGFLRTELGLDLGLEPKRYPGWVILVGTGALGLLLLFLLYG
 WAAACAGSRKKRRSPPRKREEAAVPAAPDDLALLKNLRSEEQKKKNRKKLSEKPKPNGRTVEVAEGEA
 VRTPQSVTAKQPEIDKNEKSKKNKKKSKSDAKAVQNSSRHDGKEVDEGAWETKISHREKRQQRKRDV
 LTDSGLDSTIPGIENITVTTEQLTTASFPVGSKKNKGDSHLNVQVSNFSGKGDSTLVSSGLNENLT
 VNGGGWNEKSVKLSSQISAGEEKWNSVSPASAGKRKAEPASQDGTGANTNGKDWGRSWSDRSIFSGIG
 STAEPVSQSTTSQYQWDVSRNQPYIDDEWSGLNGLSSADPNSDWNAPAEWGNWVDEERASLLKSQEP
 DDQKVSDDDKKEGEGALPTGKSKKKKKKKKQGEDNSTAQDTEELEKEIREDLPVNTSKTRPKQEKAFSL
 KTISTSDPAEVLVKNSQPIKTLPPATSTEPSVILSKSDSDKSSSQVPPILQETDKSKSNTKQNSVPPSQ
 KSETSWESPKQIKKKKKARRET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_178812
ORF Size:	1746 bp
Buffer:	PBS with 0.001% Pluronic F6016
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_178812.2, NP_848927.1</u>
RefSeq Size:	7667 bp
RefSeq ORF:	1749 bp
Locus ID:	92140
UniProt ID:	<u>Q86UE4</u>
Cytogenetics:	8q22.1
MW:	63.8 kDa