

Product datasheet for **MR209442A1V**

Mouse Etfdh (NM_025794) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Etfdh (NM_025794) AAV Particle
Tag:	Myc-DDK
Symbol:	Etfdh
Synonyms:	0610010I20Rik; AV001013
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR209442 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTGGTGCAGCTAACCAAGCTGTCCTGCCCTGCGTATCACTGGTTTCATGCCTAAAAATTAAGAAGT
 GCCTACCTCTGTGTGCTCCAAGATGTTCTTCAACCTCTGCTGTACCTCAGATTACCACTCACTACTGT
 TCATCCCCGGGAGAAAGACAAAAGATGGGAAGGAGTGAATATGGAGAGGTTTGCAGAAGAAGCAGATGTG
 GTCATAGTTGGTGCCGGCCAGCAGGACTCTCTGCAGCTATTCGGCTAAAGCAGCTGGCTGCTGAACAGG
 GGAAGGACATCCGTGTGTCTGGTGGAGAAAGCTGCTCAGATCGGAGCACACACGCTCTCAGGGGCTTG
 TCTTGATCCAGCTGCCTTCAAAGAGCTTCCCAGACTGGAAGGAGAAAGGGCTCCACTTAATACTCCT
 GTAACAGAAGACAGGTTTGCATTTTAAACAGAGAAACACAGAATTCCTGTGCCAATTCCTCAGGCTTC
 CGATGAACAATCATGGCAATTACATCGTACGCCTAGGACATCTGGTGGAGCTGGATGGGAGAACAGGCAGA
 GGCTCTTGGAGTCGAAGTGTATCCTGGGTATGCTGCTGCTGAGGTCCTTATCATGAAGATGGTAGTGTA
 AAAGGAATCGCCACTAATGATGTAGGCATACAAAAGGATGGTGCACCAAAGACAACATTTGAGAGAGGAC
 TGGAACTGCATGCCAAAGTCACAGTCTTTCAGAGGGTGGCCATGGACACCTAGCCAAGCAGCTTTATAA
 GAAATTTGATCTGAGGGCCAGCTGTGATGCACAGACTTACGGAATTTGGTTTGAAGGAGTTATGGATTATT
 GATGAAAAGAAGTGGAAACCTGGAAGAGTAGATCACACTGTTGGTTGGCCCTGGACAGACATACTTATG
 GAGGCTCTTCTTTACCACTTAAATGAAGGTGAACCTCTAGTAGCTGTTGGCTTTGTGGTTGGCCTCGA
 CTATCAGAATCCGTACCTGAGTCCATTCGAGAGTTCAGAGGTGGAAGCATCATCCAGCATCCAGCCA
 ACCCTGGAAGGCGGGAAGAGGATAGCCTACGGAGCCCGAGCGCTCAATGAAGGCGGCTTGACAGCCATAC
 CAAAACCTCACTTTTCTGGTGGCTTACTAATTGGTTGTAGTCTGGTTTCATGAATGCCCAAGATCAA
 AGGTACCCACACGGCAATGAAAAGTGGAAAGTTGGCAGCAGAATCAATTTTAAAGCAACTAACTAGTGAA
 AATCTCCAGTCAAAGACAACAGGACTCCATGTAAGTGAATATGAGGACAATTTGAAGCAATCCTGGGTAT
 GGAAAGAGCTACACGCTGTTTCAAAATATAAGGCCATCTTGCCACGGGATACTGGGAGTATATGGAGGGAT
 GATTTACTACTGGGATATTTACTGGATATTGAGAGGAATGGAGCCATGGACTCTAAAACATAAAGGCTCA
 GACTCTGATCAGCTCAAACCAGCCAAGGATTGTACACCCATTGAGTATCCGAAACCTGATGGACAGATCA
 GTTTTGACCTCTATCCTCTGTGGCTTTGAGTGGTACTAATCATGAACATGACCAGCCAGCACATTTAAC
 CTTAAAGGATGACAGCATACCTGTTAATAGAACTGTCAATATACGATGGCCCTGAGCAGCGATTCTGC
 CCTGCAGGAGTTTATGAATTTGTCTTTGGAACAAGGTGATGGATTTGATTACAGATAAATGCTCAGA
 ACTGTGTGCACTGAAAACATGTGATATCAAAGACCCAAGTCAAATATTAAGTGGTGGTCCCAGAAGG
 AGGAGGAGGGCTGCTTACAATGGCATG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209442 protein sequence
 Red=Cloning site Green=Tags(s)

MLVRLTKLSCPAYHWFHALKIKKCLPLCAPRCSSTSAVPQITTHYTVHPREKDKRWEGVNMERFAEEADV
 VIVGAGPAGLSAAIRLKLAAEQGKDIRVCLVEKAAQIGAHTLSGACLDPAAFKELFPDWKEKGAPLNTP
 VTEDRFAILTEKHRIPVPIPLGLPMNHNHGYIVRLGHLVSWMGEQAEALGVEVYPGYAAAEEVLYHEDGSV
 KGIATNDVGIQKDGAPKTTFERGLELHAKVTVFAEGCHGLAKQLYKFFDLRASCDAQTYGIGLKELWII
 DEKKWKPGRDHTVWPLDRHTYGGSFYHLNEGEPLVAVGFVVLGDYQNPYLSPFREFQRWKHHPISIQP
 TLEGGKRIAYGARALNEGGLQSIPKLTFFPGLLIGCSPGMNVPKIKGTHAMKSGSLAAESIFKQLTSE
 NLQSKTTGLHVTEYEDNLKQSWWVKELHAVRNIRPSCHGILGVYGGMIYTGIFYWILRGMPEWTLKHKGS
 DSDQLKPAKDCTPIEYKPKDGGISFDLLSSVALSGTNHEHDQPAHLTLKDDSIIPVNRNLSIYDGPQRFC
 PAGVYEFVPLEQGDGFRLLQINAQNCVHCKTCDIKDPSQINWVPEGGGGPAYNGM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_025794
ORF Size:	1848 bp
Buffer:	PBS with 0.001% Pluronic F548
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_025794.1</u> , <u>NP_080070.2</u>
RefSeq Size:	2281 bp
RefSeq ORF:	1851 bp
Locus ID:	66841
UniProt ID:	<u>Q921G7</u>
Cytogenetics:	3 34.91 cM
MW:	68.1 kDa