

Product datasheet for **MR207399A1V**

Mouse Ndufs2 (NM_153064) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ndufs2 (NM_153064) AAV Particle
Tag:	Myc-DDK
Symbol:	Ndufs2
Synonyms:	CI-49kD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207399 representing NM_153064
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGCCCTGAGGGCGCTGCGCTGCCTCCGTGGGGTCGGAGCCCCGGTGCTGCGGCCCGGGTCTGGGA
 TCCGCTTGCCAAAGTCAGCCAGCAGAGGTGCTCGGCAGTGGCAGCCAGATATTGAATGGGCAGAGCAGTT
 TTCGGGAGCTGTCATGTACCCCTCCAAGGAAACAGCCACTGGAACCTCCTCCTTGAATGATGTGGAC
 ATTTTGAAGGAAAAAGCGGTGACCAACATGACCCTGAACCTTTGGGCCAGCAGCCAGCAGCCACGGAG
 TCCTGAGACTCGTGTGGAAGTGAAGAGAGATGGTGGGAAATGTGACCCACATCGGGCTCCTGCA
 CCGAGGCACGGAGAAGCTCATTGAGTACAAGACCTATCTGCAGGCCCTCCATACTTTGACCGGTTGGAC
 TATGTGTCCATGATGTGAATGAACAGGCCTATTCGATAGCTGTGGAGAAGTTGCTAAACATCCAACCTC
 CTCTCGGGCACAGTGGATCCGAGTGCTCTTTGGAGAGATCACACGGATTTTAAACCATATCATGGCTGT
 CACCACACATGCCCTGGACATCGGTGCCATGACTCCTTTCTTCTGGATGTTTGAAGAAAGAGAGAAGATG
 TTCGAGTTCTATGAGCGGGTGTCTGGGGCCCGGATGCACGCGGCGTATATCCGACCTGGAGGAGTGCACC
 AGGACCTACCTCTTGGGCTTCTGGATGACATTTATGAGTTTTCCAAGAACTTCTCTCTCGGATTGATGA
 GGTGGAGGAGATGCTGACCAACAATAGAATCTGGCGAAATAGGACAGTCGACATTGGGGTTGTAACAGCG
 GAAGACGCACTTAACATGGAATTCAGTGGGGTGTGCTCCGAGGCTCAGGCATCCAGTGGGACTTGGGA
 AGACCCAGCCCTATGACGTTTACGACCAGTGGAGTTTGTGTTCTATCGGTTCTCGAGGGGACTGCTA
 CGATAGGTACCTGTGTCGTGTGGAGGAGATGCCAGTCCCTGCGAATCATTGAGCAGTGTCTGAACAAG
 ATGCCCTCCCGGGGAGATCAAGGTTGATGACGCCAAAGTGTCCCAACGAGCAGAGATGAAGACGT
 CCATGGAGTCACTAATTCATCACTTTAAGCTGTATACAGAGGGCTACCAAGTTCTCCAGGAGCCACATA
 TACTGCCATTGAAGCTCCTAAGGAGAGTTTGGGGTATACTTGGTATCCGATGGCAGCAGCCGCCCTTAT
 CGGTGTAAAGATCAAGGCTCCCGGTTTTGCCACCTGGCTGGTTTGGACAAGATGTCTAAGGGACACATGT
 TGGCAGATGTCGTGGCCATCATAGGTACCCAGGATATTGTGTTGGAGAAATAGACCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207399 representing NM_153064
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MAALRALRCLRGVGPVLRPGSGIRLPSQPSRGARQWQPDIEWAEQFSGAVMYPKETAHWKPPPWNDVD
 ILKEKAVTNMTLNFQHPAAHGVRLVLELSEMVVKCDPHIGLLHRGTEKLEIYKTYLQALPYFDRDL
 YVSMCNEQAYSIAVEKLLNIQPPRAQWIRVLFGEITRILNHIMAVTTHALDIGAMTPFFWMFEEREKM
 FEFYERVSARMHAAYIRPGGVHQLPLGLLDDIYEFKSNFLRIDEVEEMLTNNRIWRNRTVDIGVVTA
 EDALNYGFSGVMLRSGIQWDLRKTQPYDVYDQVEFDVPIGSRGDCYDRYLCRVEEMRQSLRIIEQCLNK
 MPPGEIKVDDAKVSPPKRAEMKTSMESLIHFKLYTEGYQVPPGATYTAIEAPKGEFGVYLVSDGSSRPY
 RCKIKAPGFAHLAGLDKMSKGHMLADVVAIIGTQDIVGEIDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_153064

ORF Size:

1389 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_153064.5, NP_694704.1</u>
RefSeq Size:	1623 bp
RefSeq ORF:	1392 bp
Locus ID:	226646
UniProt ID:	<u>Q91WD5</u>
Cytogenetics:	1 H3
MW:	52.6 kDa