

Product datasheet for **MR207415A1V**

Mouse Ndufv1 (NM_133666) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ndufv1 (NM_133666) AAV Particle
Tag:	Myc-DDK
Symbol:	Ndufv1
Synonyms:	CI-51kD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207415 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTAGCGGCACGGCATTCTCGCGGGTTGGTCCCGTGCGGGTATCTGTGCGTTTCAGCAGCGGCA
 CGACAGCACCCAAGAAAACCTCATTGGCTCACTGAAGGATGAAGACCGGATCTTTACCAACCTGTATGG
 GCGCCATGACTGGAGGCTGAAAGGTGCCCTGAGACGGGGTACTGGTACAAGACAAGGAGATCTGCTG
 AAGGGGCTGACTGGATCTTGGGTGAGATGAAGACATCAGTTTACGGGGCCGTGGTGGTCTGGCTTCC
 CCACTGGCCTCAAGTGGAGCTTCATGAATAAGCCCTCAGATGGCAGGCCCAAGTATCTGGTGGTGAATGC
 TGACGAGGAGAGCCAGGCACCTGTAAAGACCGAGAGATCATGCGTCATGACCCTCACAAGCTGGTGAA
 GGCTGCCTTGTGGGAGGCCGGGCCATGGGAGCCCGGGCCGCTATATCTACATCCGAGGGGAATTCTACA
 ACGAGGCCCTCAAATTTGCAGGTAGCTATCCGAGAGCCCTATGAAGCAGGTCTGATTGGCAAGAATGCTTG
 TGGCTCCGACTATGATTTTGTGTTTGTGGTGCCTGGGGCTGGGGCTACATCTGTGGAGAAGAGACG
 GCACTTATTGAATCCATTGAAGGCAAGCAGGAAAGCCACGCCTGAAGCCGCCCTTTCCAGCAGATGTGG
 GAGTGTGGATGCCCAACAACCTGTGGCAATGTGGAGACAGTGGCTGTGTCACCCACCATTGGCCGTCG
 TGGGGCACCTGGTTTGTGGCTTTGGCCGAGAACGCAATTCAGGTACCAAATTTGTTAACATCTCTGGC
 CATGTCAACCACCCCTGCACTGTGGAGGAAGAGATGTCTGTGCCACTGAAAGAGCTGATTGAGAAACATG
 CTGGTGGTGTACAGGTGGTGGGACAACCTCCTTGTGTGATTCTGGTGGCTCATCTACTCCACTGAT
 TCCCAATCTGTGTGAGACCGTGTAAATGGACTTCGATGCACTGGTGCAGGCTCAGACAGGCCCTGGGC
 ACGGCTGCAGTTATTGTTATGGATCGCTCGACAGACATTGTGAAAGCCATCGCTCGTCTCATTGATTTCT
 ACAAGCATGAGAGCTGTGCCAGTGTACCCCGTCCCGTGGGGCTTACTGGATGAACAAGGTGATGGC
 CCGATTTGTGAAGGGAGATGCCCGCCAGCTGAGATTGACTCCCTGTGGGAGATCAGCAAGCAGATAGAA
 GGCCACACCATTTGTGCTCTGGGTGATGGGGCTGCCTGGCCAGTACAGGGTCTGATCCGACATTTACAGG
 CAGAGCTTGGAGATCGGATGCAACGGTTTGCCAGCAGCACCGGGCTGGCAGGCAGCCTCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207415 protein sequence
 Red=Cloning site Green=Tags(s)

MLAARHFLGGLVPVRVSVRFSSGTTAPKKTSGFSLKDEDRIFTNLYGRHDWRLKALRRGDWYKKEILL
 KGPDWILGEMKTSGLRGRGGAGFPTGLKWSFMNKPSDGRPKYL VVNADEGEPGTCKDREIMRHPHKLVE
 GCLVGGGRAMGARAAYIYIRGEFYNEASNLQVAIREAYEAGLIGKNACGSDYDFDVFVVRGAGAYICGEET
 ALIESIEGKQGKPRPKPPFPADVGVFGCPTTVANVETVAVSPTICRRGGTWFAGFGRERNSGKLFNISG
 HVNHPCTVEEEMSVPLKELIEKHAGGVTGGWDLAVIPGGSSTPLIPKSVCTVLMDFDALVQAQTGLG
 TAAVIVMDRSTDIVKAIARLIEFYKHESCGQCTPCREGVDWMNKVMARFVKGDARPAEIDSLWEISKQIE
 GHTICALGDGAAPVQGLIRHFRPELEDRMQRF AQQHRAWQAAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_133666

ORF Size:

1395 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_133666.2</u>
RefSeq Size:	1608 bp
RefSeq ORF:	1395 bp
Locus ID:	17995
UniProt ID:	<u>Q91YT0</u>
Cytogenetics:	19 A
MW:	50.8 kDa