

Product datasheet for **MR205405A1V**

Mouse Ndufa10 (NM_024197) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ndufa10 (NM_024197) AAV Particle
Tag:	Myc-DDK
Symbol:	Ndufa10
Synonyms:	2900053E13Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR205405 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCCTTGAGGTTGCTGAGACTCGTCCCGCGCTCGGCTCCCGCGCGCGCTCGCGGCCGGAGCCCAGC
GCGTGGGACGAATTCATACCAGTGTGCACTGCAAGCTGAGGTATGGGCTTTGGCCGCCATTCTTGGTGA
TAAGACAACCAAAAGCTGCATGAGTACAGCCGAGTGATAACAGTAGATGGGAACATATGCTCTGGGAAA
AACAAGCTCGCAAAGGAGATCGCACAGCAACTAGGCATGAAGCACTACCCAGAAGCAGGGATACAGTACT
CAAGCACCACCACAGGCGATGGAAGGCCCTCGACATAGAGTTTAGTGGCAGCTGTAGTTAGAGAAATT
TTATGATGATCCCAAGAGCAACGATGGCAACAGCTACCGCTGCAGTCCTGGCTGTATGCCAGCCGCCTT
CTTCAGTATGCAGATGCCCTGGAGCACCTGCTGAGCACAGGACAAGGTGTGGTCTTGGAGCGCTCCATCT
ACAGTGACTTTGTCTTCTGGAGGCAATGTACAACCAGGGCTATATCCGAAAGCAGTGTGTGGACCACTA
TAATGAAATTAAGCGGCTCACTCTCCCGGAGTACCTGCCACCACACGAGTCATCTATATCGATGTGCC
GTGCCGGAGGTACAGAGCAGGATCCAGAAGAAAGGAGATCCACATGAAATGAAGGTCACCTCTGCCTATC
TCCAGGACATCGAGAATGCGTACAAGAAAACCTTCTCCCAAAATGAGTGAAATGTGTGAGGTGTTGGT
GTACGATTCTGGGAAGCTGAAGACCAACCAAGGTGGTAGAGGACATTGAATACCTTAAGTACAACAAA
GGGCTTGGTGAAACAGGACGACTGGACCTTTCACTACCTGCGGATGCTGGTTCAGGATAAGACAGAAG
TGCTGAATTACCGACCATTCGGTCTACCTCCAGAAATCACTATTGGAGCTCATCAGGGTAGCCGGAT
CTACAACAGCTTCAGAGAGCTGCCAGGCCGCAAGTATGCCCTGGGTACAATGCCGAGGTGGGTGACAAG
TGGATCTGGCTGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR205405 protein sequence Red=Cloning site Green=Tags(s) MALRLLRLVPASAPARGLAAGAQRVGRHTSVHCKLRYGLLAAILGDKTTKKLHEYSRVITVDGNICSGK NKLAKETIAQQLGMKHYPEAGIQSSTTTGDRPLDIEFSGSCSLEKFYDDPKSNDGNSYRLQSWLYASRL LQYADALEHLLSTGQGVVLERSIYSDFVLEAMYNQGYIRKQCVHDHYNEIKRLTLPEYLPPhaviyIDVP VPEVQSRIQKKGDPHEMKVTSAYLQDIENAYKKTFLPKMSEMCEVLVYDSWEAEDPTKVVEDIEYLKYNK GPWLKQDDWTFHYLRMLVQDKTEVLNYTTIPVYLPEITIGAHQGSRIYNSFRELPGRKYAPGYNAEVGDK WIWLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_024197
ORF Size:	1065 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_024197.1, NP_077159.1</u>
RefSeq Size:	1222 bp
RefSeq ORF:	1068 bp
Locus ID:	67273
UniProt ID:	<u>Q99LC3</u>
Cytogenetics:	1 D
MW:	40.6 kDa