

Product datasheet for **RC200029A1V**

Human NDUFAF1 (NM_016013) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NDUFAF1 (NM_016013) AAV Particle
Tag:	Myc-DDK
Symbol:	NDUFAF1
Synonyms:	CGI-65; CGI65; CIA30; MC1DN11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200029 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCTTTGGTTCACAAATTGCTGCGTGGTACTTATTTCTCAGAAAATTCTCTAAGCCAATTCTGCCT
TGTATCCATTTTTGGGTATTTCGCTTTGCAGAGTATTCCAGTAGTCTTCAGAAACCAAGTGGCTTCTCCTGG
CAAAGCCTCCTCACAGAGGAAGACTGAAGGGGATTGCAAGGAGATCACCAGAAAGAAGTTGCTTTGGAT
ATAACTTCTTCTGAGGAGAAGCCTGATGTTAGTTTCGATAAAGCAATTAGAGATGAAGCAATATACCATT
TTAGGCTTTTGAAGGATGAAATTGTGGATCATTGGAGAGGACCGGAAGGCCACCCTCTGCATGAGGTCTT
GCTGGAACAAGCCAAGGTTGTCTGGCAATTCGGGGGAAAGAAGATTTGGATAAGTGGACAGTGACTTCT
GATAAGACGATTGGAGGCAGAAGTGAAGTGTTTTGAAAATGGGCAAGAATAACCAAAGTGCACTGCTAT
ATGGAACCTGAGCTCTGAGGCGCCTCAGGACGGGGAGTCTACCCGAAGTGGTACTGTGCAATGATATC
CAGGATTCCAAGGGTGCTTTTGAAGGAAGATGTCTTACGATTGGTCCAGTTCAATACTCTGTATCTC
CGTGACGTGGGGATGGTCGGCCTTGGATGGTGAATATCAAGGAGGACACAGATTTCTCCAGAGGACGA
ATCAGATGTATAGTTACTTCATGTTACCCGCGGGGGACCCTACTGGCAGGAGGTCAAGATTCCTTTTTC
CAAATTTTCTCTCTAATCGAGGAAGAATCCGGGATGTTGAGCATGAGCTTCCGCTTGATAAGATCTCT
TCTATAGGATTACCTTGGCTGATAAAGTGGATGGTCCATTCTCCTGGAGATAGATTTTATTGGCGTGT
TTACTGATCCAGCTCATACAGAAGAATTTGCCTATGAAAATTCTCCAGAGCTTAACCCAAGGCTTTTAA
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200029 protein sequence Red=Cloning site Green=Tags(s) MALVHKLLRGTYFLRKFSKPTSALYPFLGIRFAEYSSSLQKPVASPGKASSQRKTEGDLQGDHQKEVALD ITSSEKPDVSFDKAIRDEAIYHFRLKDEIVDHWRGPEGHPLHEVLLEQAKVVWQFRGKEDLDKWTVTS DKTIGGRSEVFLKMGKNNQSALLYGTLSEAPQDGESTRSGYCAMISRIPRGAFAERKMSYDWSQFNTLYL RVRGDGRPWMVNIKEDTDFQRTNQMYSYFMFTRGGPYWQEVKIPFSKFFFSNRGRIRDVQHELPLDKIS SIGFTLADKVDGPFFFLEIDF IGVF TDP AHTEEFAYENSPELNPR LFK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016013
ORF Size:	981 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_016013.2</u>
RefSeq Size:	1488 bp
RefSeq ORF:	984 bp
Locus ID:	51103
UniProt ID:	<u>Q9Y375</u>
Cytogenetics:	15q15.1
MW:	37.8 kDa