

Product datasheet for **RC202529A1V**

Human NDUFAF7 (NM_144736) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NDUFAF7 (NM_144736) AAV Particle
Tag:	Myc-DDK
Symbol:	NDUFAF7
Synonyms:	C2orf56; MidA; PRO1853
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC202529 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGTGTACTGCTGAGGTGAGGTTTGGGGCCGTTGTGTGCCGTGGCGCGCGCAGCCATTCCTTTTATTT
GGAGAGGGAAATACTTCAGCTCCGGGAATGAGCCTGCAGAAAACCCGGTGACGCCGATGCTGCGGCATCT
TATGTACAAAAATAAGTCTACTGGTCCCACACTGTGGCCGAGTACATGAAGGAGGTGTTGACTAATCCA
GCCAAGGGTTATTATGTGTACCGTGACATGCTAGGCGAAAAAGGAGATTTCATTACTTCACCTGAAATAA
GTCAAATCTTTGGGAGCTACTAGGTATATGGTTCATTAGTGAATGGATGGCCACTGAAAAAGCACAGC
TTTCCAGCTGGTGGAACCTGGGCCAGGTAGGGGAACCCCTCGTGGGAGATATTTTGAGGGTGTTCCTCA
CTTGATCTGTGCTGAAAAATTGTGACATTTCACTACATCTGGTAGAGGTAAAGCCAAAAATTAAGTGAGA
TTCAAGCATTGACACTGACTAAAGAGAAGGTCCCGTTAGAGCGAAATGCTGGATCCCCAGTGATATGAA
AGGTGTCACTAAGTCTGGGATTCCAATTTCTGGTACCGAGATCTGCACGATGTTCCAAAAGGTACAGC
TTTTATCTTGACATGAATTTTTGATGTTCTTCTGTGCATAAATTCAGAAAACACCAGGGATGGC
GAGAAGTATTTGTTGACATTGATCCACAGGTTTCTGATAAACTGAGGTTTGTGTTTGGCACCTTCTGCCAC
CCCAGCAGAAGCCTTCATACAACATGACGAAACAAGGGATCATGTTGAAGTGTCTGATGCTGGTGTT
ATCATCGAGGAACCTTCTCAACGCATTGCATTAACCTGGAGGTGCTGCACTGGTTGCTGATTATGGTCATG
ATGGAACAAAGACAGATACCTTCAGAGGGTTTTGCGACCACAAGCTTCATGATGTCTTAATTGCCCCAGG
AACAGCAGATCTAACAGCTGATGTGGACTTCAGTTATTTGCGAAGAATGGCACAGGGAAAAAGTAGCCTCT
CTGGGCCCAATAAAACAACACATTTTTAAAAAATATGGGTATTGATGTCCGGCTGAAGGTTCTTTTAG
ATAAATCAAAATGAGCCATCAGTGAGGCAGCAGTTACTTCAAGGATATGATATGTTAATGAATCCAAGAA
GATGGGAGAGAGATTTAACTTTTTGCTTGTACCTCATCAGAGACTTCAAGGTGGAAGATATCAGAGG
AATGCACGTCACTCAAAACCTTTGCATCCGTTGTAGCTGGGTTAGTGAACCTTGCTTGGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC202529 protein sequence Red=Cloning site Green=Tags(s) MSVLLRSGLGPLCAVARAAIPFIWRGKYFSSGNEPAENPVTPLRHLMYKIKSTGPITVAEYMKEVLTNP AKGYVYRDMLGEKGFITSPEISQIFGELLGIWFISEWMATGKSTAFQLVELGPGRGTLVGDILRVFTQ LGSVLKNCDISVHLVEVSQKLSEIQALTLTKEKVPLERNAGSPVYMKGVTKSGIPISWYRDLHDVPKGYS FYLAHEFFDVLPHVKFQKTPQGWREVFVDIDPQVSDKLRFLAPSATPAEAFIQHDETRDHVEVCPDAGV IIEELSQRIALTGGAALVADYGHGDKTDTFRGFCDHKLHDVLIAPGTADLTADVDFSYLRRMAQGVAS LGPIKQHTFLKNMGIDVRLKVLDDKSNEPSVRQQLQGYDMLMNPCKMGERFNFFALLPHQLQGGRYQR NARQSKPFASVVAGFSELAWQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_144736
ORF Size:	1323 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_144736.3</u>
RefSeq Size:	2221 bp
RefSeq ORF:	1326 bp
Locus ID:	55471
UniProt ID:	<u>Q7L592</u>
Cytogenetics:	2p22.2
MW:	49.2 kDa