

Product datasheet for **RC213776A1V**

Human NOP2 (NM_001033714) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NOP2 (NM_001033714) AAV Particle
Tag:	Myc-DDK
Symbol:	NOP2
Synonyms:	NOL1; NOP120; NSUN1; p120
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC213776 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGGGCGCAAGTTGGACCTACGAAGGAGAAGCGGGGCCAGGCCGAAAGGCCGGAAGCAGAAGGGTG
CCGAGACAGAATCGTCAGATTCTTGCTGCAGTAAGTGACGAAAATTCCAAGAGGCTGTCTAGTCGTGC
TCGAAAGAGGGCAGCCAAGAGGAGATTGGGCTCTGTTGAAGCCCTAAGACAAATAAGTCTCCTGAGGCC
AAACCATTGCCTGGAAAGCTACCAAAAGGAGCTGTCCAGACAGCTGGTAAGAAGGGACCCAGTCCCTAT
TTAATGCTCCTCGAGGCAAGAAGCGCCAGCACCTGGCAGTGATGAGGAAGAGGAGGAGGAAGACTCTGA
AGAAGATGGTATGGTGAACACGGGGACCTCTGGGGCTCCGAGGACGATGCTGATACGGTAGATGACTAT
GGAGCTGACTCCAACCTGAGGATGAGGAGGAAGGTGAAGCGTTGCTGCCATTGAAAGAGCTGCTCGGA
AGCAGAAGGCCCGGAAGCTGCTGCTGGGATCCAGTGGAGTGAAGAGGAGACCGAGGACGAGGAGGAAGA
GAAAGAAGTGACCCCTGAGTCAGGCCCCCAAGGTGGAAGAGGCAGATGGGGGCTGCAGATCAATGTG
GATGAGGAACCATTTGTGCTGCCCCCTGCTGGGGAGATGGAGCAGGATGCCAGGCTCCAGACCTGCAAC
GAGTTCACAAGCGGATCCAGGATATTGTGGGAATTCTGCGTGATTTTGGGGCTCAGCGGGAGGAAGGGCG
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CTTGGCAAGCTCATGGACCTCTTCCCTCTGTCTGAGCTGGTGGAGTCTTAGAAGCTAATGAGGTGCCTC
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TGGCCTTGGCACCCAGGAACATGAGCGGATCCTGGACATGTGTTGTGCCCTGGAGGAAAGACCAGTA
CATGGCCCAAGCTGATGAAGAACACGGGTGTGATCCTTGCCAATGACGCCAATGCTGAGCGGCTCAAGAGT
GTTGTGGGCAACTTGATCGGCTGGGAGTCACCAACACCATTATCAGCCACTATGATGGGCGCCAGTTCC
CCAAGGTGGTGGGGGGCTTTGACCGAGTACTGTGGATGCTCCCTGCAGTGGCACTGGGGTCATCTCAA
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CTATCACAGTAGAAGAGAATGAGTGGTGGTAGACTATGCTCTGAAAAAGAGGAATGTGCGACTGGTGCC
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TCTACCCGACGCTTCTACCTCATAACCACAATATGGATGGGTCTTCATTGCCAAGTTCAAGAAATTTT
CCAATTCTATCCCTCAGTCCCAGACAGGAAATCTGAAACAGCCACACCTACAAATGTAGACTTGCCTCA
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CAGCTGCAGAAACAGCAACATCCCAAGAAGGCCTCCTTCCAGAAGCTGAATGGCATCTCCAAAGGGGCGAG
ACTCAGAATTGTCCACTGTACCTTCTGTCAAAAGACCAAGCTTCTCCAGTTCAGGATAGCAGTCA
GCCAGCTGGAAGGCCGAAGGGATCAGGGAGCCAAAGGTGACTGGGAAGCTAAAGCAACGATCACCTAAA
TTACAGTCTCCAAGAAAGTTGCTTTCTCAGGCAGAATGCCCTCCCAAGGGCACAGACACACAAACAC
CGGCTGTGTTATCCCCATCCAAGACTCAGGCCACCCTGAAACCTAAGGACCATCATCAGCCCCTTGAAG
GGCCAAGGGGGTTGAGAAGCAGCAGTTGCCAGAGCAGCCTTTTGAGAAAGCTGCCTTCCAGAAACAGAAT
GATACCCCAAGGGGCTCAGCCTCCCACTGTGTCTCCATCCGTTCCAGCCGCCCCACCAGCAAAGA
GGAAGAAATCTCAGTCCAGGGGCAACAGCCAGCTGCTGCTATCT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC213776 protein sequence Red=Cloning site Green=Tags(s) MGRKLDPTKEKRGPGRKARKQKGAETELVRFLPAVSDENSKRLSSRARKRAAKRRLGSVEAPKTNKSPEA KPLPGKLPKGAVQTAGKKGPQSLFNAPRGKKRPAPGSDEEEEDSEEDGMVNHGDLWGSEDDADTVDDY GADSNSEDEEEGEALLPIERAARKQKAREAAAGIQWSEETEDEEEEKEVTPESGPPKVEEADGGLQINV DEEPFVLPPAGEMEQAQAPDLQRVHKRIQDIVGILRDFGAQREEGRSRSEYLNRLKKDLAIYYSYGDFL LGKMDLFLPLSELVEFLEANEVPRPVTLRNTLKTRRRDLAQUALINRGVNLDPGLKWSKTGLVVDSSVP IGATPEYLAGHYMLQGASSMLPVMALAPQEHERILDMCCAPGGKTSYMAQLMKNTGVILANDANAERLKS VVGNLHRLGVTNTIISHYDGRQFPKVVGGFDRVLLDAPCSGTGVISKDPAVKTNKDEKDILRCAHLQKEL LLSAIDSVNATSKTGGYLVYCTCSITVEENEWVDYALKKRNRLVPTGLDFGQEGFTRFRERRFHPSLR STRRFYPHTNMDGFFIAKFKKFSNSIPQSQTGNSETATPTNVDLPQVIPKSENSSQPAKKAKGAATKQ QLQKQHPKKASFQKLNIGSKGADSELSTVPSVTKTQASSFQDSSQPAGKAEGIREPKVTGKLKQKQSPK LQSSKKVAFRLQNAPPKGTDTQTPAVLSPSKTQATLKPDKHHQPLGRAKGVEKQQLPEQPFEEKAAAFQKQN DTPKGPQPPTVSPIRSSRPPPAKRKKSQSRGNSQLLLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001033714
ORF Size:	2424 bp
Buffer:	PBS with 0.001% Pluronic F7112
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:	NM_001033714.1
RefSeq Size:	2772 bp
RefSeq ORF:	2427 bp
Locus ID:	4839
UniProt ID:	P46087
Cytogenetics:	12p13.31
MW:	89 kDa