

Product datasheet for **RC234601A1V**

Human NOP2 (NM_001258310) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NOP2 (NM_001258310) 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:

>RC234601 representing NM_001258310
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCGCAAGTTGGACCTACGAAGGAGAAGCGGGGCCAGGCCGAAAGGCCCGAAGCAGAAGGGTG
 CCGAGACAGAAGCTCGTCAGATTCTTGCCTGCAGTAAGTGACGAAAATTCCAAGAGGCTGTCTAGTCGTGC
 TCGAAAGAGGGCAGCCAAGAGGAGATTGGGCTCTGTTGAAGCCCTAAGACAAATAAGTCTCCTGAGGCC
 AAACATTGCTCGGAAAGCTACCAAAAGGAGCTGTCCAGACAGCTGGTAAGAAGGGACCCAGTCCCTAT
 TTAATGCTCCTCGAGGCAAGAAGCGCCAGCACCTGGCAGTGATGAGGAAGAGGAGGAGGAAGACTCTGA
 AGAAGATGGTATGGTGAACACGGGGACCTCTGGGGCTCCGAGGACGATGCTGATACGGTAGATGACTAT
 GGAGCTGACTCCAACCTGAGGATGAGGAGGAAGGTGAAGCGTTGCTGCCATTGAAAGAGCTGCTCGGA
 AGCAGAAGGCCCGGAAGCTGCTGCTGGGATCCAGTGGAGTGAAGAGGAGACCGAGGACGAGGAGGAAGA
 GAAAGAAGTGACCCCTGAGTCAGGCCCCCAAGGTGGAAGAGGCAGATGGGGGCTGCAGATCAATGTG
 GATGAGGAACCATTTGTGCTGCCCCCTGCTGGGAGATGGAGCAGGATGCCAGGCTCCAGACCTGCAAC
 GAGTTCACAAGCGGATCCAGGATATTGTGGGAATTCTGCGTGATTTTGGGGCTCAGCGGGAGGAAGGGCG
 GTCTCGTTCTGAATACCTGAACCGGCTCAAGAAGGATCTGGCCATTTACTACTCTATGGAGACTTCCTG
 CTTGGCAAGCTCATGGACCTCTTCCCTCTGTCTGAGCTGGTGGAGTTCTTAGAAGCTAATGAGGTGCCTC
 GGCCCGTCACCCCTCCGGACCAATACCTTGAAAACCCGACGCCGAGACCTTGACAGGCTCTAATCAATCG
 TGGGGTTAACCTGGATCCCTGGGCAAGTGGTCAAAGACTGGACTAGTGGTGTATGATTCTTCTGTGCC
 ATTGGTGCTACCCCGAGTACCTGGCTGGGCACTACATGCTGCAGGGAGCCTCCAGCATGTTGCCCGTCA
 TGGCCTTGGCACCCAGGAACATGAGCGGATCCTGGACATGTGTTGTGCCCTGGAGGAAAGACCAGCTA
 CATGGCCAGCTGATGAAGAACACGGGTGTGATCCTTGCCAATGACGCCAATGCTGAGCGGCTCAAGAGT
 GTTGTGGGCAACTTGATCGGCTGGGAGTCAACAACACCATATCAGCCACTATGATGGCGGCCAGTTCC
 CCAAGGTGGTGGGGGGCTTTGACCGAGTACTGTGGATGCTCCCTGCAGTGGCACTGGGGTCATCTCAA
 GGATCCAGCCGTGAAGACTAACAAGGATGAGAAGGACATCCTGCGCTGTGCTCACCTCCAGAAGGAGTTG
 CTCCTGAGTGCTATTGACTCTGTCAATGCGACCTCCAAGACAGGAGGCTACCTGGTTTACTGCACCTGTT
 CTATCACAGTAGAAGAGAATGAGTGGTGGTAGACTATGCTCTGAAAAAGAGGAATGTGCGACTGGTGCC
 CACGGGCTAGACTTTGGCCAGGAAGGTTTTACCCGCTTCGAGAAAGGCGCTTCCACCCAGTCTGCGT
 TCTACCCGACGCTTCTACCTCATAACCAATATGGATGGGTTCTTCATTGCCAAGTTCAAGAAATTTT
 CCAATTCTATCCCTCAGTCCCAGACAGACGGTGTCTTGTCTTGTGCGCTCAGGCTGGACTGCAGTGGTGCA
 ATCTCAGCTCATTGAACCTCCACCTTCCAGGTTCAAGCGATTCTTGTGCTCAGACTCCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234601 representing NM_001258310
 Red=Cloning site Green=Tags(s)

MGRKLDPTKEKRGPRKARKQKGAETELVRFLPAVSDENSKRLSSRRARKRAAKRRLGSVEAPKTNKSPEA
 KPLPGKLPKGAIVQTAGKKGPQSLFNAPRGKKRPAPGSDEEEEEEDSEEDGMVNHGDLWGSEDDADTVDDY
 GADSNSEDEEEGEALLPIERAARKQKAREAAAGIQWSEETEDDEEEKEVTPESGPPKVEEADGGLQINV
 DEEPFVLPPAGEMEQAQAPDLQRVHKRIQDIVGILRDFGAQREEGRSRSEYLNRLKKDLAIYYSYGDFL
 LGKLMDFPLSELVEFLEANEVPRPVTLRNTLKTRRRDLAALINRGVNLDPKGWSKTGLVVDSSVP
 IGATPEYLAGHYMLQGASSMLPVMALAPQEHERILDMCCAPGGKTSYMAQLMKNTGVILANDANAERLKS
 VVGNLHRLGVTNTIISHYDGRQFPKVVGGFDRVLLDAPCSGTGVISKDPAVKTNKDEKDILRCAHLQKEL
 LLSAIDSVNATSKTGGYLVYCTCSITVEENEWVVDYALKKRNVRVPTGLDFGQEGFTRFRERRFHPSLR
 STRRFYPHPTHNMDGFFIAKFKFSNSIPQSQTDGVLLCRSGWTAVVQSQLIATSTFQVQAILVPQTPK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001258310
ORF Size:	1884 bp
Buffer:	PBS with 0.001% Pluronic F10339
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_001258310.1</u>
RefSeq Size:	2826 bp
RefSeq ORF:	1887 bp
Locus ID:	4839
UniProt ID:	<u>P46087</u>
Cytogenetics:	12p13.31
MW:	70.1 kDa