

Product datasheet for **RC204035A1V**

Human NOP53 (NM_015710) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NOP53 (NM_015710) AAV Particle
Tag:	Myc-DDK
Symbol:	NOP53
Synonyms:	GLTSCR2; PICT-1; PICT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204035 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGCGGCAGGAGGCAGTGGCGTTGGTGGGAAGCGCAGCTCGAAAAGCGATGCCGATTCTGGTTTCTGG
GGCTGCGGCCCACTTCGGTGGACCCAGCGCTGAGGCGGCGGCGGAGGCCAAGAAATAAGAAGCGGGG
CTGGCGGCGGCTTGCTCAGGAGCCGCTGGGCTGGAGTTGACCAGTTCTTGGAAGACGTGCGGTACAG
GAGCGCACGAGCGGTGGCTTGTGTGAGAGGCCCAAATGAAAACTCTTCTCGTGACACTGGCTCCA
AGGAAAAAGGGCTGACAAAGAAGAGAACCAAGTCCAGAAGAAGTCACTGCTTCTCAAGAAACCCCTTCG
GGTTGACCTCATCTCGAGAACACATCCAAAGTCCCTGCCCAAGACGTCTCGCCACACAGGTCCCC
AACGCCAAGAAGCTCAGGCGGAAGGAGCAGCTATGGGAGAAGCTGGCCAAGCAGGGCGAGCTGCCCGGG
AGGTGCGCAGGGCCAGGCCCGGCTCTCAACCCTTCTGCAACAAGGGCCAAGCCCGGGCCCGAGACAC
CGTAGAGCGGCCCTTCTACGACCTCTGGGCCTCAGACAACCCCTGGACAGGCCGTTGGTTGGCCAGGAT
GAGTTTTTCTCGAGCAGACCAAGAAGAAAGGAGTGAAGCGGCCAGCACGCTGCACACCAAGCCGTCCC
AGGCGCCCGCCGTGGAGGTGGCGCTGCCGGAGCTTCTACAATCCATCCTTTGAAGACCAACAGACCCT
GCTCTCAGCGGCCACGAGGTGGAGTTGCAGCGGCAGAAGGAGCGGAGAAGCTGGAGCGGCAGCTGGCC
CTGCCCGCCACGAGCAGGCCGCCACCCAGGAGTCCACATTCCAGGAGCTGTGCGAGGGGCTGCTGGAGG
AGTCGGATGGTGGGGGAGCCAGGCCAGGGCGAGGGGCGGAGGCTGGGGATGCCGAGGTCTGTCCAC
GCCCGCCCGCTGGCCACCACAGAGAAGAAGACGGAGCAGCAGCGGCGGCGGAGAGGCTGTGCACAGG
CTGCGGGTACAGCAGGCCGCTTGGCGGCGGCCCGGCTCCGGCACCAGGAGCTGTTCCGGCTGCGCGGGA
TCAAGGCCCAGGTGGCCCTGAGGCTGGCGGAGCTGGCGGCGGCGGAGGCGGCGGAGCGCGCGGGA
GGCTGAGGCTGACAAGCCCCGAAGGCTGGGACGGCTCAAGTACCAGGCACCTGACATCGACGTGCAGCTG
AGCTCGGAGCTGACAGACTCGCTCAGGACCCTGAAGCCGAGGGCAACATCCTTCGAGACCGGTTCAAGA
GCTTCCAGAGGAGGAATATGATCGAGCCTCGAGAGAGAGCCAAGTTCAAACGCAAGTACAAGGTGAAGCT
GGTGGAGAAGCGGGCGTCCGTGAGATCCAGTTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204035 protein sequence

Red=Cloning site Green=Tags(s)

 MAAGSGVGGRSSKSDADSGFLGLRPTSDPALRRRRGPRNKKRGWRRLAQEPLGLEVDQFLEDVRLQ
ERTSGLLSEAPNEKLFFVDTGSKEKGLTKKRTKVQKSLLLKKPLRVDLILENTSKVPAPKDVLAHQVP
NAKKLRRKEQLWEKLAKQGELPREVRAQARLLNPSATRAKPGPQDTPVERPFYDLWASDNPLDRPLVGQD
EFFLEQTKKKGVKRPRLHTKPSQAPAVEVAPAGASYNPSFEDHQTLLSAAHEVELQRQKEAEKLERQLA
LPATEQAATQESTFQELCEGLLEESDGEPEGQEGPEAGDAEVCPTPARLATTEKKTEQRRREKAVHR
LRVQQAALRAARLRHQELFRLRGIKAQVALRLAELARRRRRRQARREAEADKPRRLGRLKYQAPDIDVQL
SSELTDSLRTLKPEGNILRDRFSQRRNMIEPRERAKFKRYKVKLVKRAFREIQL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015710

ORF Size:

1434 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_015710.3, NP_056525.1</u>
RefSeq Size:	1523 bp
RefSeq ORF:	1437 bp
Locus ID:	29997
UniProt ID:	<u>Q9NZM5</u>
Cytogenetics:	19q13.33
MW:	54.4 kDa