

Product datasheet for **RC205740A1V**

Human NUA2 (NM_030952) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NUA2 (NM_030952) AAV Particle
Tag:	Myc-DDK
Symbol:	NUAK2
Synonyms:	SNARK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205740 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGTCGCTGGTTTTTCGCGCGCGCTCCGGCCCCACTCCCTCGGCCGAGAGCTAGCCCGGCCGCTGG
 CGGAAGGGCTGATCAAGTCGCCCCAAGCCCTAATGAAGAAGCAGGCGGTGAAGCGCACCAACACAAGCA
 CAACCTGCGGCACCGCTACGAGTTCTTGAGACCTGGGCAAAGGCACCTACGGGAAGGTGAAGAAGGCG
 CGGGAGAGCTCGGGGCGCTGGTGGCCATCAAGTCAATCCGGAAGGACAAAATCAAAGATGAGCAAGATC
 TGATGCACATACGGAGGAGATTGAGATCATGTCATCACTCAACCACCCTCACATCATTGCCATCCATGA
 AGTGTGTTGAGAACAGCAGCAAGATCGTGATCGTCATGGAGTATGCCAGCCGGGGCGACCTTTATGACTAC
 ATCAGCGAGCGGCAGCAGCTCAGTGAGCGCAAGCTAGGCATTTCTCCGGCAGATCGTCTCTGCCGTGC
 ACTATTGCCATCAGAACAGAGTTGTCCACCGAGATCTCAAGCTGGAGAACATCCTTTGGATGCCAATGG
 GAATATCAAGATTGCTGACTTCGGCCTCTCAACCTCTACCATCAAGGCAAGTTCCTGCAGACATTCTGT
 GGGAGCCCCCTCTATGCCTCGCCAGAGATTGTCAATGGGAAGCCCTACACAGGCCAGAGGTGGACAGCT
 GGTCCCTGGGTGTTCTCCTCTACATCCTGGTGCATGGCACCATGCCCTTTGATGGGCATGACCATAAGAT
 CCTAGTGAAACAGATCAGCAACGGGGCCTACCGGGAGCCACCTAAACCCTCTGATGCCTGTGGCCTGATC
 CGGTGGCTGTTGATGGTGAACCCACCCGCCGGGCCACCCTGGAGGATGTGGCCAGTCACTGGTGGGTCA
 ACTGGGGCTACGCCACCCGAGTGGGAGAGCAGGAGGCTCCGCATGAGGGTGGGCACCCTGGCAGTGACTC
 TGCCCGCGCCTCCATGGCTGACTGGCTCCGGCGTTCTCCCGCCCCCTCCTGGAGAATGGGGCAAGGTG
 TGCAGCTTCTTCAAGCAGCATGCACCTGGTGGGGAAGCACCACCCTGGCCTGGAGCGCCAGCATTTCGC
 TCAAGAAGTCCCGCAAGGAGAATGACATGGCCAGTCTCTCCACAGTGACACGGCTGATGACACTGCCCA
 TCGCCCTGGCAAGAGCAACCTCAAGCTGCCAAAGGGCATTCTCAAGAAGAAGGTGTAGCCTCTGCAGAA
 GGGGTACAGGAGGACCCTCCGGAGCTCAGCCCAATCCCTGCGAGCCAGGGCAGGCTGCCCCCTGCTCC
 CCAAGAAGGGCATTCTCAAGAAGCCCCGACAGCGCAGTCTGGCTACTCTCTCTCCGAGCCAGTGA
 ATCTGGGGAGCTCTTGAGCGCAGGCGACGTGTTTGTGAGTGGGGATCCCAAGGAGCAGAAGCCTCCGCA
 GCTTCAGGGCTGCTCTCCATCGCAAAGGCATCCTCAACTCAATGGCAAGTTCCTCCAGACAGCCTTGG
 AGCTCGCGGCCCCACCCTTCGGCTCCCTGGATGAAGTCCGCCACCTCGCCCCCTGGCCGGGCCAG
 CCGACCCTCAGGGGCTGTGAGCGAGGACAGCATCCTGTCCTCTGAGTCTTTGACCAGCTGGACTTGCCT
 GAACGGCTCCCAGAGCCCCCACTGCGGGGCTGTGTGTCTGTGGACAACCTCACGGGGCTTGAGGAGCCCC
 CCTCAGAGGGCCCTGGAAGCTGCCTGAGGCGCTGGCGGAGGATCCTTTGGGGGACAGCTGCTTTTCCCT
 GACAGACTGCCAGGAGGTGACAGCGACCTACCGACAGGCACTGAGGGTCTGCTCAAAGCTCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205740 protein sequence
 Red=Cloning site Green=Tags(s)

MESLVFARRSGPTPSAAELARPLAEGLIKSPKPLMKQAVKRHHKHNLRHRYEFLETGKGTGKVKKA
 RESSGRLVAIKSIRKDKIKDEQDLMHIRREIEMSSLNHPHIIAIEHVFENSSKIVIMEYASRGDLVDY
 ISERQQLSREARHFFRQIVSAVHYCHQNRVVRDLKLENILLDANGNIKIADFGLSNL YHQKFLQTF
 GSPLYASPEIVNGKPYTGPEVDSWSLGLVLL YILVHGTMPFDGHDHKL VKQISNGAYREPPKPSDACGLI
 RWLLMVNPTRRATLEDVASHWWVNWGYATRVGEQAPHEGGHPGSDSARASMAWLRSSRPLLENGAKV
 CSFFKQHAPGGGSTTPGLERQHSLSKSRKENDMAQSLHSDTADDTAHRPGKSNLKLPGKILKKKVSASAE
 GVQEDPELSPIPASPGQAAPLLPKKGILKKPRQRESGYSSPEPSESGELL DAGDV FVSGDPKEQKPPQ
 ASGLLLHRKGILKLNKFSQTAL ELAAPTTFGSLDELAPRPLARASRPSGAVSEDSILSSEFDQLDLP
 ERLPEPPLRGCVSDNLTGLEPPSEGPGSCLRRWRQDPLGDSFSLTDCQEVATYRQALRVCSKLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_030952
ORF Size:	1884 bp
Buffer:	PBS with 0.001% Pluronic F5754
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_030952.1, NP_112214.1</u>
RefSeq Size:	3443 bp
RefSeq ORF:	1887 bp
Locus ID:	81788
UniProt ID:	<u>Q9H093</u>
Cytogenetics:	1q32.1
MW:	69.6 kDa