

Product datasheet for **RC209551A1V**

Human USP39 (NM_006590) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human USP39 (NM_006590) AAV Particle
Tag:	Myc-DDK
Symbol:	USP39
Synonyms:	65K; CGI-21; HSPC332; SAD1; SNRNP65
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209551 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGTCCGGCCGGTCTAAGCGGGAGTCTCGCGTTCCACTCGCGGAAGCGAGAGTCTGAGTCGCGGGCA
GCTCCGGTCGCGTCAAGCGGGAGCGAGATCGGGAGCGGGAGCCTGAGGCGCGAGCTCCCGGGCAGCCC
TGTGCGCGTGAAGCGGGAGTTCGAGCCGCGAGCGCGCGAGGCCCGGCTTCTGTTGCCGTTTGTG
CGGGTGAAGCGGGAGCGAGGTCGATGAGGACTCGGAGCCTGAGCGGGAGGTGCGAGCAAGAATGGCC
GAGTGGATTCTGAGGACCGGAGGAGCGCCACTGCCGTACCTGGACACCATTACAGGAGTGTGCTGGA
CTTTGACTTTGAGAACTGTGTTCTATCTCCCTCTCACACATCAATGCTTATGCCTGTCTGGTGTGTGC
AAGTACTTTCAAGCGCGGGTTGAAGTCTCACGCTACATTCACAGTGTCCAGTTTAGCCACCATTGTT
TCCTCAACCTCCACACCCTCAAGTTTTACTGCCTTCAGACAATATGAGATCATCGATTCTCATTGGA
GGATATACGATGTGTTGAAGCCCACTTTCACAAAGCAGCAAATTGCAAACTTGACAAGCAAGCCAAA
TTGTCCCGGGCATATGATGGTACCATTACCTGCCGGTATTGTGGGACTGAATAACATAAAGGCCAATG
ATTATGCCAACGCTGTCTTCAGGCTCTATCTAATGTTCTCTCCGAACTACTTTCTGGAAGAAGA
CAATTATAAGAACATCAACGTCCTCCAGGGGATATCATGTTCTTGTGGTCCAGCGTTTGGAGAGCTG
ATGAGAAAGCTCTGGAACCTCGAAATTTCAAGGCACATGTGTCTCCCATGAGATGCTTCAGGCAGTTG
TACTTTGCAGTAAGAAGACTTTTCAGATCACCACAAAGAGAGTGGCGTTGACTTTCTGTCTGGTTTCT
GAATGCTCTGCACTCAGCTCTGGGGGACACAAAGAAAAAGAGACTATTGTGACTGATGTTTCCAG
GGTCCATGAGGATCTTCACTAAAAAGCTTCCCATCTGATCTGCCAGCAGAAAAAGAGCAGTTGC
TCCATAATGACGAGTACCAGGAGACAATGGTGGAGTCCACTTTTATGTACCTGACGCTGGACCTTCTAC
TGCCCCCTCTACAAGGACGAGAAGGAGCAGCTCATCTCCCAAGTGCCACTTTCAACATCCTGGCT
AAGTTCAATGGCATCACTGAGAAGGAATATAAGACTTACAAGGAGAACTTTCTGAAGCGTTCCAGCTTA
CCAAGTTGCTCCATATCTAATCTTTGTATCAAGAGATTCACTAAGAACAATCTTTGTTGAGAAGAA
TCCAATATTGCAATTTCCCTATTACAAATGTGGATCTGAGAGAATACTTGTCTGAAGAAGTACAAGCA
GTACACAAGAATACCACCTATGACCTCATTGCCAACATCGTGCATGACGGCAAGCCCTCCGAGGGCTCT
ACCGGATCCACGTGCTTCATCATGGGACAGGCAAATGGTATGAATTACAAGACCTCCAGGTGACTGACAT
CCTTCCCAGATGATCACACTGTCAGAGGCTTACATTCAGATTGGAAGAGGCGAGATAATGATGAAACC
AACCAGCAGGGGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209551 protein sequence

Red=Cloning site Green=Tags(s)

 MSGRSKRESRGSTRGKRESESRGSSGRVKRERDREREPEAASSRGSPVRVKREFEPASAREAPASVVPFV
RVKREVEVDESEPEREVRANKGRVDSEDRSRHCPYLDITNRSVLDFDFEKLCSISLSHINAYACLVC
KYFQGRGLKSHAYIHSVQFSHHVFLNLHTLKFYCLPDNYEIDSSLEDITYVLKPTFTKQQIANLQKQAK
LSRAYDGTTLPGIVGLNNIKANDYANAVLQALSNVPLRNYFLEEDNYKNIKRPPGDIMFLLVQRFGE
MRKLWNPRNFKAHVSPHEMLQAVVLCSKKTFTQITKQGDGVDFLSWFLNALHSALGGTKKKKKTIVTDVFQ
GSMRIFTKKLPHPDLPAAEEKEQLLNDEYQETMVESTFMYLTLDLPTAPLYKDEKEQLIIPQVPLFNILA
KFNGITEKEYKTYKENFLKRFQTLKPPYLIFCIKRFKNNFFVEKNPTIVNFPITNVDLREYLSEEVQA
VHKNTTYDLIANIVHDGKPSSEGSYRIHVLHHGTGKWEYLQDLQVTDILPQMITLSEAYIQIWKRRDND
ETNQQA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_006590
ORF Size:	1695 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_006590.2</u>
RefSeq Size:	2298 bp
RefSeq ORF:	1698 bp
Locus ID:	10713
UniProt ID:	<u>Q53GS9</u>
Cytogenetics:	2p11.2
MW:	65.4 kDa