

Product datasheet for **RC218923A1V**

Human Ataxin 3 (ATXN3) (NM_004993) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Ataxin 3 (ATXN3) (NM_004993) AAV Particle
Tag:	Myc-DDK
Symbol:	Ataxin 3
Synonyms:	AT3; ATX3; JOS; MJD; MJD1; SCA3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218923 representing NM_004993 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGAGTCCATCTTCCACGAGAAACAAGAAGGCTCACTTTGTGCTCAACATTGCCTGAATAACTTATTGC
AAGGAGAATATTTAGCCCTGTGGAATTATCCTCAATTGCACATCAGCTGGATGAGGAGGAGAGGATGAG
AATGGCAGAAGGAGGAGTTACTAGTGAAGATTATCGACGTTTTTACAGCAGCCTTCTGGAAATATGGAT
GACAGTGGTTTTTCTTATTCAGGTTATAAGCAATGCCTTGAAAGTTTGGGGTTTAGAACTAATCCTGT
TCAACAGTCCAGAGTATCAGAGGCTCAGGATCGATCCTATAAATGAAAGATCATTATATGCAATTATAA
GGAACACTGGTTTACAGTTAGAAAATTAGGAAAACAGTGGTTTAACTTGAATTCTCTTTCGACGGGTCCA
GAATTAATATCAGATACATATCTTGCACTTTTCTTGGCTCAATTACAACAGGAAGGTTATTCTATATTTG
TCGTTAAGGGTGATCTGCCAGATTGCGAAGCTGACCAACTCCTGCAGATGATTAGGGTCCAACAGATGCA
TCGACCAAACTTATTGGAGAAGAATTAGCACAATAAAAGAGCAAAGAGTCCATAAAACAGACCTGGAA
CGAGTGTAGAAAGCAATGATGGCTCAGGAATGTAGACGAAGATGAGGAGGATTTGCAGAGGGCTCTGG
CACTAAGTCGCCAAGAAATTGACATGGAAGATGAGGAAGCAGATCTCCGACGGGCTATTCAGCTAAGTAT
GCAAGGTAGTTCCAGAAACATATCTCAAGATATGACACAGACATCAGGTACAAATCTTACTTCAGAAGAG
CTTCGGAAGAGACGAGAAGCCTACTTTGAAAAACAGCAGCAAAAGCAGCAACAGCAGCAGCAGCAGCAGC
AGCAGGGGGACCTATCAGGACAGAGTTCACATCCATGTGAAAGGCCAGCCACCAGTTCAGGAGCACTTGG
GAGTGATCTAGGTGATGCTATGAGTGAAGAAGACATGCTTCAGGCAGCTGTGACCATGTCTTTAGAACT
GTCAGAAATGATTTGAAAACAGAAGGAAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC218923 representing NM_004993 Red=Cloning site Green=Tags(s) MESIFHEKQEGSLCAQHCLNLLQGEYFSPVELSSIAHQLDEEERMMAEGGVTSedyrtflqqpsgnmd DSGFFSIQVISNALKVWGLELILFNSPEYQRLRIDPINERSFICNYKEHWFTVRKLGKQWFNLSLLTGP ELISDTYLALFLAQLQEGYSIFVVKGDLPDCEADQLQMIRVQQMHRPKLIGEELAQLKEQRVHKTDLE RVLEANDGSGMLDEDEEDLQALALSRQEIDMEDEEADLRRAIQLSMQSSRNISQDMTQTSGTNLTSEE LRKRREAYFEKQQKQQQQQQQQGDLSGQSSHP CERPATSSGALGSDLGDAMSEEDMLQAAVTMSLET VRNDLKTEGKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004993
ORF Size:	1083 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:	NM_004993.3
RefSeq Size:	2698 bp
RefSeq ORF:	1086 bp
Locus ID:	4287
UniProt ID:	P54252
Cytogenetics:	14q32.12
MW:	41.1 kDa