

Product datasheet for **RC209658A1V**

Human ATL3 (NM_015459) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATL3 (NM_015459) AAV Particle
Tag:	Myc-DDK
Symbol:	ATL3
Synonyms:	HSN1F
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209658 representing NM_015459
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGTCCCCTCAGCGAGTGGCAGCAGCTGCCTCAAGAGGAGCAGATGATGCCATGGAGAGCAGCAAGC
 CTGGTCCAGTGCAGGTTGTTTTGGTTCAGAAAGATCAACATTCCTTTGAGCTAGATGAGAAAGCCTTGGC
 CAGCATCCTCTTGACAGGACCACATCCGAGATCTTGATGTGGTGGTGGTTTCAGTGGCTGGTGCCTTCCGA
 AAGGGCAAGTCCTTCATTCTGGATTTTATGCTACGATACTTATATTCTCAGAAGGAAAGTGGCCATTCAA
 ATTGGTTGGGTGACCCAGAAGAACCCTTAACAGGATTTTCTGGAGAGGGGGATCTGATCCAGAAACCAC
 TGGGATTCAAATCTGGAGTGAAGTTTCACTGTGGAGAAGCCAGGTGGGAAGAAGGTTGCAGTTGTTCTG
 ATGGATACCCAGGGGGCATTTGACAGCCAGTCAACTGTGAAAGACTGTGCTACCATCTTTGCTCTAAGCA
 CTATGACTAGTTCTGTTCAAGTTTATAATTTATCTCAGAACATTCAAGAAGATGATCTTCAACAGCTGCA
 GCTCTTACAGAATACGGTCGTCTGGCAATGGATGAAATTTTCCAAAAGCCTTTCCAGACACTGATGTTT
 TTGGTTAGAGATTGGAGTTTCCCTTATGAATATAGCTATGGACTCCAAGGAGGAATGGCATTTTTGGATA
 AGCGTTTACAGGTGAAGGAACATCAACATGAAGAAATTCAGAATGTTTCAAAATCACATTCATCTATGTTT
 CTCCGATGTCACCTGCTTCTCTTACCACATCCAGGACTCCAGGTGGCCACAAGCCCTGACTTTGATGGG
 AAATTAAGATATTGCTGGTGAATTCAGAGCAGTTACAGGCACTGATACCGTATGTATTAACCCAT
 CTAAGTTAATGGAAGAGATCAATGGCTCAAAGGTCACCTGTCTGGGACTACTGGAGTATTTAAGGC
 ATATATTAATTTATCAAGGAGAAGATCTGCCTACCCCAAGTCCATGCTTCAGGCCACTGTGAAGCC
 AACAACTTAGCAGCTGCAGCCTCTGCCAAGGACATTTATTATAACAACATGGAAGAGGTTTGTGGGGGAG
 AGAAACCTTATTTGTCTCCAGACATTCTAGAGGAGAAGCACTGTGAATTCAAACAACCTGCTCTGGACCA
 TTTTAAGAAGACCAAGAAGATGGGTGGGAAGGATTTTCAGCTTTCGTTACCAGCAGGAGCTGGAGGAGGAA
 ATCAAGGAATTATATGAGAACTTCTGCAAGCACAATGGTAGCAAGAACGCTTTCAGCACCTTCCGAACCC
 CTGCAAGTGTGTTACGGGCATTGTAGCTTTGTACATAGCCTCAGGCCTCACTGGCTTCTAGGTCTTGA
 GGTTGTAGCCAGTTGTTCAACTGTATGGTTGGACTACTGTTAATAGCACTCCTCACCTGGGCTACATC
 AGGTATTCTGGTCAATATCGTGAGCTGGGCGGAGCTATTGATTTTGGTCCGCATATGTGTTGGAGCAGG
 CTTCTTCTCATATCGGTAATCCACTCAGGCCACTGTGAGGGATGCAGTTGTTGAAGACCATCCATGGA
 TAAAAAAGCTCAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLSPQRVAAAASRGADDAMESSKPGPVQVVLVQKDQHSFELDEKALASILLQDHIRDLVVVVSVAGAFR
 KGKSFILDFMLRYLYSQKESGHSNWLGDPEEPLTGF SWRGGSDPETTGIIWSEVFTVEKPGGKKVAVVL
 MDTQGAFFDSQSTVKDCATIFALSTMTSSVQIYNLSQNIQEDDLQQLQFTEYGRLAMDEIFQKPFQTLMF
 LVRDWSFPYEYSYGLQGGMAFLDKRLQVKEHQHEEIQNVNRNHIHSCFSDVTCFLLPHPLGLQVATSPDFDG
 KLKDIAGEFKEQLQALIPYVLNPSKLMEKEINGSKVTGRLLLEYFKAYIKIYQGEDLPHPKSMLQATAEA
 NNLAASAKDIYNNMEEVCGGEKPYLSPDILEEKHCEFKQLALDHFKKTKMGGKDFSFYRQQELEE
 IKELYENFCKHNGSKNVFSTFRTPAVLFTGIVALYIASGLTGFIGLEVVAQLFNCMVGLLLIALLTWGYI
 RYSGQYRELGGIDFGAAYVLEQASSHIGNSTQATVRDAVVGRPSMDKKAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015459

ORF Size:	1623 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_015459.3</u>
RefSeq Size:	2256 bp
RefSeq ORF:	1626 bp
Locus ID:	25923
UniProt ID:	<u>Q6DD88</u>
Cytogenetics:	11q13.1
MW:	60.4 kDa