

## Product datasheet for **RC201198A1V**

### Human Antizyme inhibitor 1 (AZIN1) (NM\_148174) AAV Particle

#### Product data:

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| Product Type:             | AAV Particles                                               |
| Product Name:             | Human Antizyme inhibitor 1 (AZIN1) (NM_148174) AAV Particle |
| Tag:                      | Myc-DDK                                                     |
| Symbol:                   | Antizyme inhibitor 1                                        |
| Synonyms:                 | AZI; AZI1; AZIA1; OAZI; OAZIN; ODC1L                        |
| Mammalian Cell Selection: | None                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                  |



[View online »](#)

## ORF Nucleotide Sequence:

>RC201198 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGAAAGGATTTATTGATGATGCAAACTACTCCGTTGGCCTGTTGGATGAAGGAACAAACCTTGAAATG  
 TTATTGATAACTATGTTTATGAACATACCCTGACAGGGAAAAATGCATTTTTTGTGGGAGATCTTGAAA  
 GATTGTGAAGAAACACAGTCAATGGCAGAATGTAGTGGCTCAGATAAAGCCATTCTACACAGTGAAGTGC  
 AACTCTGCTCCAGCTGTACTTGAGATTTTGGCAGCTCTTGAACCGGATTTGCTTGTTCAGTAAAAATG  
 AAATGGCTTTAGTGCAAGAGTTGGGTGTACCTCCAGAAAACATTATTTACATAAGTCCTTGCAAGCAAGT  
 GTCTCAGATAAAGTATGCAGCAAAAGTTGGAGTGAATATCCTGACATGTGACAATGAAATTGAATTGAAG  
 AAAATTGCACGTAATCACCAATGCCAAGGTCTTACTACATATTGCAACAGAAGATAATATTGGAGGTG  
 AAGAGGGTAACATGAAGTTGGCACTACCCTGAAGAACTGTAGGCATCTCTTGAATGTGCTAAGGAACT  
 TGATGTCCAAATAATTGGGGTAAATTTTCATGTTTCGAGTGCTTCAAAGAATCTCAAGTATATGTACAT  
 GCTCTATCTGATGCTCGATGTGTGTTTGACATGGCTGGAGAAATTGGCTTTACGATGAACATGTTAGACA  
 TTGGTGGAGGATTACGGGAACCTGAATTTCAATTGGAAGAGGTTAATCATGTTATCAGCCCTCTGTTGGA  
 TATCTACTTTCTGAAGGATCTGGTGTTAAGATAATTTCAGAACCCGGAAGCTACTATGTGTCTTCTGCA  
 TTTACACTCGCAGTTAATATCATAGCAAGAAAGTTGTTGAAAATGATAAATTTCCCTCTGGAGTAGAAA  
 AAACCGGAAGTGATGAACCAGCCTTCATGTATTATATGAATGATGGTGTTTATGGTTCTTTTGAAGTAA  
 ACTGTCTGAGGACTTAAATACCATTCAGAGGTTTACAAGAAATACAAGGAAGATGAGCCTCTGTTTACA  
 AGCAGCCTTTGGGTCCATCCTGTGATGAGCTTGATCAAATTGTGGAAGCTGTCTTCTCTGAGCTGA  
 ATGTGGGAGATTGGCTTATCTTTGATAACATGGGAGCAGATTCTTCCATGAACCATGCTCTTTAATGA  
 TTTTCAGAGGCCAGCCATTTATTACATGATGTCATTTCAGTGATTGGTATGAGATGCAAGATGCTGGAATT  
 ACTTCAGACTCAATGATGAAGAACTTCTCTTTGTGCCTTCTGCATTGAGCTGAGCCAAGAAGACAGCT  
 TTTCCGCTGAAGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>RC201198 protein sequence  
 Red=Cloning site Green=Tags(s)

MKGFIDDANYSVGLLDEGTNLGNVIDNYVYEHTLTGKNAFFVGD LGKIVKKHSQWQNVVAQIKPFYTVKC  
 NSAPAVLEILAALGTGFACSSKNEMALVQELGVPPENIIYISPKQVSQIKYAAKVGVNILTC DNEIELK  
 KIARNHPNAKVL LHIATEDNIGGEEGNMKGFTTLKNCRHLLCAKELDVQIIGVKFHVSSACKESQVYVH  
 ALSDARCVFDMAGEIGFTMNMLDIGGFTGTEFQLEEVNHVISPLLDIYFPEGSGVKI ISEPGSYVSSA  
 FTLAVNIIAKKVVENDKFPSGVEKTSDEPAFMYMNDGVYGSFASKLSEDLNTIPEVHKKYKEDEPLFT  
 SSLWGPPSCDEL DQIVESCLLPELVNVDWLIIFDNMGADSFHEPSAFNDFQRP AIYYMMSFSDWYEMQDAGI  
 TSDSMMKNFFFPSCIQLSQEDSFSAEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM\_148174

ORF Size:

1344 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_148174.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 4239 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1347 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 51582                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u>O14977</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 8q22.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:           | 49.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |