

## Product datasheet for **MR230495A1V**

### Mouse Zscan21 (NM\_011757) AAV Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | AAV Particles                                  |
| Product Name:             | Mouse Zscan21 (NM_011757) AAV Particle         |
| Tag:                      | Myc-DDK  |
| Symbol:                   | Zscan21  |
| Synonyms:                 | AI326272; CTfin51; RU49; Zfp-38; Zfp38; Zipro1 |
| Mammalian Cell Selection: | None   |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                     |



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**ORF Nucleotide Sequence:**

>MR230495 representing NM\_011757  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGACTAAGTGGTGGGCATGGCCACAGTTCTGGGCCAGGCCACCTCAGGAATCTATGGGACCTTCGC  
 CCATTAAGTAGAAGAGGATGAAGAGAAAGACAAGTGCTGCCCTACCCTAGAGCTATCCATAAGCACTT  
 CAGACAGTCTGGGAACCAAGATACCCTTGAGCCAATGGGTCTTCGACCATTAAAGCTGAAGAGGATGAA  
 AGCAAAGACAAGTGCCGCCCTAACCTAGAGATATCCCGTAAGAGCTTCAAGCAGTTTGGGTACCAAGACA  
 CTCTTGAGCAGTTGGGACCTTCGACCATTAAAGCTGAAGAGGATGATGAGAAGGATAAGGGCCACCCTAG  
 CCCAGAGATATCTCGACAGCGCTTCAGGCAATTTGGGTACCATGACACTCTGGGCCCGAGAGGCACTG  
 AGCCAGCTTCGGGTGCTCTGCTGTGAGTGGCTACAGCCCGAGATCCACACCAAAGAGCAGATTCTAGAGC  
 TACTGGTCTGGAGCAGTTCCTGACCATCTGCCCGGAGAGCTCCAGACCTGGGTACAGCAGCACTGCC  
 TGAAAGTGCAGAGGAGCGTCACTCTCTGGAAGACCTGGAGCAAGAATTGATGAGCCAGGACTGCAG  
 GTCTCATCTCCTCCAAATGAACAGAAGCAGTCTTGGGAGAAAATGTCAACTTCAGGAACGGCAATGGAGT  
 CCTTAAGCAGTACTGAGACCCAACATGTGGATGCCAGCCCTAAATATGAGTTTTGGGGGCCCTGTACAT  
 CCAAGAGACTGGTGAGGAGGAGGTTTTACTCAGGATCCAAGAAAGCGCCAAGGTTTTAAATCGAATCCC  
 CAGAAGGAGGACTCAGCAGATGAGCACAGAAGTTCTGAAGAAGAGTCTCATGCAGACGGACTCAAAGAA  
 CCGTCATCCCCATGATTCCTGCCAATAAGTATGGGTACGGTACAGAAAGGCAGTGGGCCAAACCTGGA  
 GAGGGAGAGAGGGACAAAAGCCTCTCTCAAGACACAGGTTCCAGGAAAGGGGCAGAGCCAGCGTCTACT  
 AGGCCTGCCCGAGGAGAAAACGTTACATATGTGCAGAGTGTGGGAAGGCCTTTAGCAATAGCTCAAACC  
 TCACTAAGCACCAGGAGAACACACACTGGGGAGAAAGCCTTATGTGTGACAAAAGTGTGGGAAGGCTTTCAG  
 CCACAGCTCCAACCTTACCCTTACCTTACCGAAGTCACTGGTGGACCGGCCCTATGACTGTAAGTGTGGG  
 AAAGCCTTTGGGCAGAGCTCAGACCTCCTTAAACATCAAAGGATGCACACGGAAGAGGCGCCCTATCAGT  
 GTAAAGACTGTGGGAAAGCCTTTAGTGGGAAGGCAGCCTCATTTCGACACTATCGCATCCACACAGGGGA  
 GAAGCCCTATCAGTGTAAAGTGTGGAAAGAGTTTTAGTACAGCATGCAGGTCTCAGTTCTCATCAGCGT  
 CTGCATACAGGGGAGAAACCCTATAAGTGAAGGAGTGTGGCAAAGCCTTCAACCATAGTTCAAATTTTA  
 ATAAGCATCATAGAATCCATACTGGCGAAAAGCCTATTGGTGTAGCCACTGTGGGAAAACCTTCTGTAG  
 CAAGTCCAATCTGTCCAAGCATCAGAGAGTTCACACTGGAGAGGGAGAAGTCCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR230495 representing NM\_011757  
 Red=Cloning site Green=Tags(s)

MTKVVGMAVLGPRPPQESMGPSPIKVEEEDKCCPTLEL SHKHFRQSGNQDTLEPMGPSTIKAEED  
 SKDKCRPNLEISRKSFQFGYQDTLEQLGPSTIKAEEDDEKDKGHPSEISRQFRQFGYHDTGPREAL  
 SQLRVLCEWLQPEIHTKEQILELLVLEQFLTILPRELQTVWVQHCPESEAEAVTLLLEDELEQELDEPGLQ  
 VSSPPNEQKQSWKEMSTSGTAMESLSTETQHVDASPKYEFWGPLYIQETGEEVFTQDPRKRQGFKSNP  
 QKEDSADEHRSSEESHADGLKRTVPMIPANKYGSRSERQWANNLERERGTKASLQDTGSRKGAEPAST  
 RPAPGEKRYICAECGKAFSNSSNLTKHRRHTGKPYVCTKCGKAFSHSSNLTLLHYRTHLVDRPYDCKCG  
 KAFGQSSDLLKHQRMHTEEPYQCKDCGKAFSGKGLIRHYRIHTGKPYQCNECGKSFSSQHAGLSSHQR  
 LHTGKPYKCKEKGAFNHSSNFNKHHRHTGKPYWCSCGKTFCSKSNLSKHQRVHTGEGEVQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_011757

|                      |   |
|----------------------|---|
| <b>ORF Size:</b>     | 1665 bp   |
| <b>Buffer:</b>       | PBS with 0.001% Pluronic F68  |
| <b>Stability:</b>    | 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. |
| <b>RefSeq:</b>       | <u><a href="#">NM_011757.3</a></u> , <u><a href="#">NP_035887.2</a></u>   |
| <b>RefSeq Size:</b>  | 2321 bp   |
| <b>RefSeq ORF:</b>   | 1668 bp   |
| <b>Locus ID:</b>     | 22697   |
| <b>UniProt ID:</b>   | <u><a href="#">Q07231</a></u>   |
| <b>Cytogenetics:</b> | 5 76.96 cM  |
| <b>MW:</b>           | 63 kDa  |