

## Product datasheet for **MR222710A1V**

### Mouse Zscan4e (NM\_001161802) AAV Particle

#### Product data:

|                           |                                           |
|---------------------------|-------------------------------------------|
| Product Type:             | AAV Particles                             |
| Product Name:             | Mouse Zscan4e (NM_001161802) AAV Particle |
| Tag:                      | Myc-DDK                                   |
| Symbol:                   | Zscan4e                                   |
| Synonyms:                 | EG665848                                  |
| Mammalian Cell Selection: | None                                      |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                |



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**ORF Nucleotide Sequence:**

>MR222710 representing NM\_001161802  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTTCACAGCAGGCACCAAGACCTTCAGACCAACAATTTAGAGTTTACTCCAAGTATAGTT  
 CTGGTGTGCAGTGGGCAGAAGACATCTCTAACTACCAAGTGCTCAGCTAACTTTCCCAAGTAACAA  
 TGGCTGCTGGGCAACTCAGGAGCTGCAAGTCTCTGGAAGATGTTCAACTCCTGGTTGCAGCCAGAAAAG  
 CAGACTAAGGAGCAGATGATTTCTCAACTGGTCTTGGAGCAGTTTCTCCTCACTGGGCACTGCAAGGACA  
 AGTATGCTTTGACAGAGAAGTGGAAAGCCAGTGGTAGCGATATGAGGAGATTCATGGAGAGTCTGACTGA  
 TGAGTGCTTGAAGCCTCCTGTCATGGTCCATGTTTCAATGCAAGGACAAGAAGCCCTCTTTCTGAAAAC  
 ATGCCATTAAGAAGTCAAGCTTTTGAACAACAGCAATCTGCAACAAGGCCAATACCAGATAATG  
 AGCAGATGCCAGTAGACACCACACAAGATAGATTATTGGCCACAGGGCAAGAAAACAGTGAATGAATG  
 CAACACCTCTTGAATGCTACTGAAGTAAATGTTGGTGAAGCTGTAGTGAAATGAAAAGGACTCCCTT  
 CTTATTACCCAGAAAAGCAAAACCATGAGCATGAAGAGGGGAATGTTGTTTGTCAATTCCTCGTGGTG  
 CCAGAAGAGCAAGTCAAGACACCTCCAGTCATCATGTAGACTTCCCGAGTGCTCTGACTCCTGCAGATGT  
 CCCCATGGAGGAACAACCAATGGATTTATCCAGAGAAAACATCTCTGAGGACAAGAACAATTGCTATAAC  
 ACTTCCAGGAATGCAGCTACTCAAGTATATAATGGTGATAATATCCAGGAACAAGACAGACTCCCTTT  
 TCATTAACAAGAGAATATATCATCTGAGCCTGAGGTGGGAGATATCCTTATGGAGTTCCTCAGGATTC  
 TACAAGAGCAAGTCAAGGAACATCTACATGCCTGCAAGAGTCACTTGGGAATGTTTTCTGAAAAGAC  
 CCAAGGGAGGTACCAGGTTGCAGTCTAGGCAAGAGCAGCCTATCTCTGATCCTGTCTTGGTAAAGATC  
 ATGAGGCAAACTTACCATGTGAAAGTCAAAAAGAGATTCCATAGAGATGCCAACTATACAAGTGTGA  
 AGAATGTTCTAGGATGTTCAAACATGCCAGGAGCCTTTATCCACCAGAGAACTCACCTGAATAAGAAG  
 AGTGAATTGCTTGCATCACCTGTGAGAAAATATTCAAACGAGTTTCTGACCTTGAACCATGAGATCA  
 TACACATGTGAGAAAAGCCTTTCAAGTGCAGCAGATGTGAAAAGTCTTCAGCCACAAGACCAACCTGAA  
 GTATCATGAGATGATTACACAGGAGAAATGCCTTATGTCTGTTCCCTATGTAGCCGTCGCTTCGCCAA  
 TCATCCACTTACCATGTCACCTGAGGAATTACCACAGATCTGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR222710 representing NM\_001161802  
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MASQQAPAKDLQTNNEFTPTDSSGVQWAEDISNPSAQLNFPSPNNGCWATQELQSLWKMFNWLQPEK  
 QTKEQMISQLVLEQFLLTGHCKDKYALTEKWKASGSDMRRFMESLTDECLKPPVMVHSMQGEALFSEN  
 MPLKEVIKLLKQQSATRPIPDNEQMPVDTTQDRLLATGQENSENECNTSCNATEVNVGESCNEKDSL  
 LITQKEQNHEHEEGNVVCQFPRGARRASQDTSSHVDFPSALTPADVPMEEQPMDLSRENISEDKNNCYN  
 TSRNAATQVYNGDNI PRNKTDSLFINKRIYHPEPEVGDIPYGVQDSTRASQGTSTCLQESLGECSFKD  
 PREVPGLQSRQEPI SDPVLGKNHEANLPCESHQKRFHRDAKLYKCECSRMFKHARSLSSHQRTHLNKK  
 SELLCITCQKIFKRVSRLRTHIEIHMSEKPFKSTCEKFSKHTNLKYHEMIHTGEMPYVCSLCSRRFRQ  
 SSTYHRHLRNYHRSD

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_001161802

**ORF Size:**

1515 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_001161802.1, NP_001155274.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RefSeq Size:  | 1745 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1518 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 665848                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cytogenetics: | 7 A1                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MW:           | 57.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |