

## Product datasheet for **MR229611A1V**

### Mouse Fen1 (NM\_001271615) AAV Particle

#### Product data:

|                          |                                                                                |
|--------------------------|--------------------------------------------------------------------------------|
| Product Type:            | AAV Particles                                                                  |
| Tag:                     | Myc-DDK                                                                        |
| Symbol:                  | Fen1                                                                           |
| Synonyms:                | AW538437; FEN-1                                                                |
| Mammalian Cell           | None                                                                           |
| Selection:               |                                                                                |
| Vector:                  | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence: | >MR229611 representing NM_001271615<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGGAATTCACGGCCTTGCCAACTAATTGCTGATGTGGCCCCAGTGCCATCCGTGAGAATGACATCA  
AGAGCTACTTTGGTCGCAAAGTGCCATCGATGCCTCCATGAGCATCTACCAGTTCCTGATTGCTGTTCC  
TCAGGGTGGGGATGTGCTGCAGAACGAGGAGGTGAGACCACCAGCCACCTGATGGGCATGTTCTACCGT  
ACCATCCGCATGATGGAGAATGGCATCAAGCCTGTGTACGTCTTTGATGGCAAACCACCACAGCTGAAGT  
CAGGCGAGCTGGCCAAGCGCAGTGAGAGCGCGCCGAGGCTGAGAAGCAACTGCAGCAGGCTCAGGAGGC  
TGGGATGGAGGAGGAGGTGGAGAAGTTCACCAAGAGGCTCGTGAAGGTCACCAAGCAACACAATGATGAG  
TGCAACACCTGTGAGCCTCATGGGCATCCCTTACCTTGATGCCACCCAGCGAGGCAGAGGCCAGCTGTG  
CTGCCCTGGCAAAGGCTGGCAAAGTCTATGCTGCGGCCACGAGGACATGGACTGCCTCACTTTTGGCAG  
CCCCGTGCTAATGCGACACTTAACTGCCAGTGAGGCCAAGAAGCTGCCCATCCAAGAGTTCCATCTGAGC  
CGCGTCTGCAGGAGCTGGGTCTGAACCAGGAGCAGTTTGTGGATCTGTGCATCCTGCTGGTAGCGACT  
ACTGCCGAGAGCATCCGTGGCATTGGGCCCAAGCGGGCTGTGGATCTCATCCAGAAACATAAGAGCATCGA  
GGAGATCGTGAGGCGGCTGGACCCAGCAAGTACCCCGTTCCAGAGAACTGGCTCCACAAGGAAGCCAG  
CAGCTCTTCTGGAGCCAGAAGTACTGGACCCAGAGTCTGTGGAGCTGAAGTGGAGCGAGCCAAATGAAG  
AAGAGTTGGTCAAATTTATGTGTGGTGAAGCAGTTTTCTGAAGAGCGAATTCGAGTGGGGTCAAGCG  
GCTGAGTAAGAGCCGCGAGGGCAGCACCCAGGGACGCCTCGATGATTTCTCAAGGTGACAGGCTCACTC  
TCCTCAGCTAAGCGCAAGGAGCCAGAACCAGGGGCTGCTAAGAAGAAAGCAAGACTGGGGGAGCGG  
GGAAGTTCCGAAGGGGAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR229611 representing NM_001271615</p> <p>Red=Cloning site Green=Tags(s)</p> <p>           MGIHGLAKLIADVAPSAIRENDIKSYFGRKVAIDASMSIYQFLIAVRQGGDVLQNEEGETTSHLMGMFYR<br/>           TIRMMENGIKPVYVFDGKPPQLKSGELAKRSERRAEAEKQLQQAQEAGMEEVEKFTKRLVKVTKQHND<br/>           CKHLLSLMGIPYLDAPSEAEASCAALAKAGKVYAAATEDMDCLTFGSPVLMRHLTASEAKKLP IQEFHLS<br/>           RVLQELGLNQEQFDLCILLGSDYCESIRGIGPKRAVDLIQKHKSIEEIVRRLDPSKYPVPENWLHKEAQ<br/>           QLFLEPEVLDPESEVELKWSEPNEEELVKFMCGEKQFSEERIRSGVKRLSKSRQGSTQGRLLDDFFKVTGSL<br/>           SSAKRKEPEPKGPAKKAKTGGAGKFRRGK         </p> <p>           TRTRPLEQKLISEEDLAANDILDYKDDDDKV         </p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ACCN:</b>             | NM_001271615                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ORF Size:</b>         | 1140 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Stability:</b>        | <p>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.</p>                                                                                                                                                                    |
| <b>RefSeq:</b>           | <u>NM_001271615.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>      | 2106 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq ORF:</b>       | 1143 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Locus ID:</b>         | 14156                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Cytogenetics:</b>     | 19 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MW:</b>               | 42.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |