

## Product datasheet for **MR221956A1V**

### Mouse Ambn (NM\_009664) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Tag:** Myc-DDK  
**Symbol:** Ambn  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR221956 representing NM\_009664  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGTCAGCATCTAAGATTCCACTTTTCAAATGAAGGGCCTGATCCTGTTCTGTCCCTAGTGAAAATGA  
GCCTCGCCGTGCCGGCATTTCCTCAACAACCTGGGGCTCAAGGCATGGCACCTCCTGGCATGGCTAGTTT  
GAGCCTTGAGACAATGAGACAGTTGGGAAGCTTGCAGGGACTCAACGCACTTTCTCAGTATTCTAGACTT  
GGCTTTGGAAAAGCACTTAATAGTTTATGGTTGCACGGACTTCTCCACCGCATAACTCTTTCCCATGGA  
TAGGACCAAGGGAACATGAAACCCAGCAGCCATCCTTGCAGCCTCACCAGCCAGGACTGAAACCCCTTCT  
CCAGCCCACTGCTGCAACCGGTGTCCAGGTACACCCCAAGCCAGGGCCTCAGCCTCCAATGCACCCT  
GGACAGCTGCCCTTGCAGGAAGGAGAGCTGATAGCACCAGATGAGCCGCAAGTGGCACCATCCGAAACCC  
CACCAACACCTGAGGTACCAATAATGGATTTTGTGATCCACAATTTCCAACCGTGTTCAGATCGCCCG  
TTCAATATCTCGGGGACCAATGGCACACAACAAAGCATCCGCTTTTTACCAGGAATGTTTTACATGTCT  
TATGGAGCAAACCAATTGAATGCTCCTGCCAGAATTGGCTTCATGAGTTCAGAAGAAATGCCTGGAGAAA  
GAGGAAGTCCCATGGCCTATGGAATCTGTTCCCAAGATTTGGAGGCTTCAGGCAAACCTTAGGAGACT  
GAATCAGAATTCACCAAGGGAGGAGACTTTACTGTGGAAGTAGATTCCCAGTATCTGTTACCAAAGGC  
CCTGAAAAAGGAGAAGGTCCAGAAGGCTCTCCACTGCAAGAGGCCAACCAGGCAAACGGGAAAAACCCCG  
CTCTCCTTTTCAAATGGCACCTGGGGCCCATGCAGGACTTCTTGCTTTCCCAATGACCACATCCCCAG  
TATGGCAAGGGTCTGCAGGGCAAAGACTCCTTGAGTCAACCCCTGCAGCTGCAGACCCACTGATCACC  
CCTGAATTAGCAGAAGTTTATGAAACCTATGGTGCTGATGTTACCAACCCCTGGGTGATGGAGAAGCAA  
CCATGGATATCACCATGTCCCAAGCACTCAGCAGCCACTGCTACCTGGAAACAAAGTGACACGCCCCA  
GGTGACACAACGCATGGCGTTTCCAAGAGCCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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| <b>Protein Sequence:</b> | <p>&gt;MR221956 representing NM_009664</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSASKIPLFKMKGLILFLSLVKMSLAVPAFPQQPGAQGMAPPGMASLSLETMRQLGSLQGLNALSQYSRL<br/> GFGKALNSLWLHGLLPPHNSFPWIGPREHETQQPSLQPHQPLKPFLLQPTAATGVQVTPQKPGPQPPMHP<br/> GQLPLQEGELIAPDEPQVAPSENPTPEVPIMDFADPQFPTVFQIARSI SRGPMAHNKASAFYPGMFYMS<br/> YGANQLNAPARIGFMSSEEMPGERGSPMAYGTLFPRFGGFRQTLRRLNQNSPKGGDF TVEVDSPVSVTKG<br/> PEKGEPEGSPLEQANPGKRENPA LLSQMAPGAHAGLLAFPN DHIPSMARGPAGQRLLGVTPAAADPLIT<br/> PELAEVYETYGADVTTPLGDGEATMDITMSPDTQQPLLPGNKVHQPVHNAWRFQEP</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ACCN:</b>             | NM_009664                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ORF Size:</b>         | 1221 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>NM_009664.1, NP_033794.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq Size:</b>      | 1860 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq ORF:</b>       | 1224 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Locus ID:</b>         | 11698                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>       | <u>O55189</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Cytogenetics:</b>     | 5 43.63 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>MW:</b>               | 44.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |