

## Product datasheet for **MR223826A1V**

### Mouse Nxn12 (NM\_029173) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Mouse Nxn12 (NM\_029173) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Nxn12  
**Synonyms:** 4930519N16Rik; Rdcvf2  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR223826 representing NM\_029173  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGTGGACGTGCTGGGCGGGCGGCCTGGTGACCCGGGAGGGCACGGTGGTGGAGGCCGAGGTGGCGC  
TGCAGAACAAAGGTGGTAGCTTTGTACTTTGCGGCGGGCCGGTGCTCGCCAGCCGCGACTTCACGCCGCT  
GCTCTGCGACTTCTACACGGAGCTGGTGAGCGAGGCGCGGCGGCCGCTCCCTTCGAGGTGGTTTTCTGTG  
TCGGCAGACGGCAGTGGGAGGAGATGTTGGACTTCATGCGCGAGCTGCACGGCTCCTGGCTGGCATTGC  
CCTTCCACGACCCCTACCGCATGAAGTGAAGAAGAGGTACGAAATCACCGCCATCCCCAAGCTGGTGGT  
CATCAAGCAGAACGGAGCTGTATCACCACAAAGGGCGGAAGCAGATCCGAGAGCGCGGCTAGCTTGC  
TTTCAGAACTGGGTGGAAGCAGCCGATGTTTTCCAAAATTCTCGGGG

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR223826 representing NM\_029173  
**Red**=Cloning site **Green**=Tags(s)  
MVDVLGGRRLLVTREGTVVEAEVALQNKVVALYFAAGRCSPSRDFTPLLCDFYTELVSEARRPAPFEVVFV  
SADGSAEEMLDPMRELHGSWLALPFHDPYRHELEKKRYEITAIPKL VVIKQNGAVITNKGRKQIRERGLAC  
FQNWVEAADVFQNFSG

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

**Species:** Mouse  
**Serotype:** AAV-2



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|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>         | NM_029173                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>     | 468 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_029173.4</a></u> , <u><a href="#">NP_083449.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq Size:</b>  | 1163 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 471 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>     | 75124                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <u><a href="#">Q9D531</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 13 A5                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW:</b>           | 18.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |