

## Product datasheet for **MR223176A1V**

### Mouse Dbnl (NM\_001146308) AAV Particle

#### Product data:

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                  |
| Product Name:             | Mouse Dbnl (NM_001146308) AAV Particle                                         |
| Tag:                      | Myc-DDK                                                                        |
| Symbol:                   | Dbnl                                                                           |
| Synonyms:                 | Abp1; mAbp1; SH3P7                                                             |
| Mammalian Cell Selection: | None                                                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence:  | >MR223176 representing NM_001146308<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGGTGAACCTGAGCCGGAACGGGCGGCGCTGCAGGAGGCCTACGTGCGCGTAGTCACCGAGAAAT  
CCCCGACCGACTGGGCTCTTTTACCTATGAAGCAACAGCAATGACATCCGTGTGGCTGGCACAGGAGA  
GGGAGGCCTGGAGGAGCTGGTGAAGAGCTCAACAGCGGAAGGTGATGTACGCCTTCTGCAGGGTGAAG  
GACCCCACTCCGGCTGCCCAAGTTTGTCTCATCACTGGACAGGAGAGGGTGTGAATGATGTGCGGA  
AAGGAGCATGTCCAACACGTCAGCACCATGGCCAACCTCCTGAAGGGTGCCACGTGACCATCAATGC  
CCGGGCGGAGGAGGATGTGGAGCCTGAGTGCATCATGGAGAAGGTTGCCAAGGCCCTCTGGGGCCAATAC  
AGCTTCCATAAGGAAAGCACCTCCTTCCAGGATGTAGGGCCGACGGCCCACTGGGCTCTGTGTACCAGA  
AGACCAATGCCATATCTGAGATCAAGAGAGTCGCAAGGATAACTTCTGGGCCAAAGCTGAGAAGGAAGA  
AGAGAACCGCCGCTGGAGGAGAAGCGGCTGCCAAGAGGAGCGGCAGCGGTTGGAGGAGGAGCGACGA  
GAGCGGGAGCTGCAGGAGGCTGCCCAGCTGAGCAGCGCTACCAGGAACAGCACAGATCAGCTGGAGCCC  
CGAGCCCTTCCAGCAGGACAGGTGAGCCAGAGCAGGAAGCCGTTTCAAGGACCAGACAGGAGTGGGAGTC  
TGCTGGGAGCAGGCCCCACCCACGAGAGATTTTCAAGCAGAAGGAAAGGGCAATGTCCACCACCTCT  
GTCACCAGCTCGCAGCCGGCAAGCTGAGGAGCCCTTCTGCAGAAGCAACTCACTCAACCAGAAACCT  
CCTACGGCCGAGAGCCACAGCTCCTGTCTCCCGGCTGCAGCAGGTGTCTGTGAGGAGCCAGCGCCTAG  
CACTCTGTCTTCTGCCAGACAGAAGAAGAACCTACATATGAAGTACCCCAAGAGCAGGACACCTCTAT  
GAGGAACCACTGTTACAGCAGCAAGGGGCTGGCTCCGAACACATTGACAACATACATGAGAGCCAGG  
GCTTCACTGGACAAGGGCTGTGCGCCCGGCTTGTATGACTACCAGGAGCTGATGACACCGAGATCTC  
CTTTGACCCTGAGAACCTAATCAGGCATCGAGGTGATTGACGAAGGCTGGTGGCGAGGCTATGGGCT  
GACGGCCACTTGGCATGTTTCTGCCAACTACGTGGAGCTCATAGAG

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR223176 representing NM_001146308<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MAVNLSRNGPALQEAYVRVVTEKSPTDWALFTYEGNSNDIRVAGTGEGGLEELVEELNSGKVMYAFCRVK<br/> DPNSGLPKFVLINWTGEGVNDVRKGACANHVSTMANFLKGAHVTINARAEEDVEPECIMEKVAKASGANY<br/> SFHKESTSFQDVGPPQAPVGSVYQKTNAISEIKRVGKDNFWAKAEKEEENRRLEEKRRAEERQRLEEERR<br/> ERELQEAAARREQRYQEQRHSAGAPSPSSRTGEPEQEAVSRTRQEWESAGQQAPHPREIFKQKERAMSTTS<br/> VTSSQPGKLRSPFLQKQLTQPETSYGREPTAPVSRPAAGVCEEPAPSTLSSAQTEEEPTYEVPPEQDTLY<br/> EEPPLVQQQGAGSEHIDNYMQSGFSGQGLCARALYDYQAADDTEISFDPENLITGIEVIDEGWWRGYGP<br/> DGHFGMFPANYVELIE</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ACCN:</b>             | NM_001146308                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ORF Size:</b>         | 1308 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_001146308.1</u> , <u>NP_001139780.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>RefSeq Size:</b>      | 2369 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq ORF:</b>       | 1311 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Locus ID:</b>         | 13169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID:</b>       | <u>Q62418</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cytogenetics:</b>     | 11 3.87 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW:</b>               | 48.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |