

## Product datasheet for **MR210225A1V**

### Mouse Abcb10 (NM\_019552) AAV Particle

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | AAV Particles                         |
| Product Name:             | Mouse Abcb10 (NM_019552) AAV Particle |
| Tag:                      | Myc-DDK                               |
| Symbol:                   | Abcb10                                |
| Synonyms:                 | ABC-m; Abc-me; Abcb12                 |
| Mammalian Cell Selection: | None                                  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)            |



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**ORF Nucleotide  
Sequence:**

>MR210225 representing NM\_019552  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGC**

ATGCGCGCCCCCTCTGCTAGGGCGCTACTGCTGATTCCGCGTCGGGGCCCTGCCGTGCGAGCGTGGGCC  
 CGGCCGTCTCCTCTCGGATATGGCTGGCTTCTGAATGGACCCCGCTCGTACGCGCGTGGACCTCTCTGAT  
 CCACAAGCCGGTTTCGGGCTCCGCTTTCCGCGCCCCATCCGGGCTGCCTGGCGCGTGGGGCAGTGG  
 GCCACCTCCTCGGGGGCCCGCAGGTGCTGGGTGCTGGCAGGACCCGCGCCGCACATCCCTGTTCCGCA  
 GGCTCCAGGTGCAGCTGCCACCGGTGTGCGAGACCTTGGGAACGACTCGCAGCGGCGTCCCGCGCGAC  
 CGGGCGCTCAGAAGTATGGAAGTCTTAGGGCTGGTGCGCCCGAGCGCGGGAGACTGTCAGCTGCAGTT  
 GGGTTTCTGGCTGTGTCCAGTGTATCACCATGTCTGCCCCCTTCTTCTGGGAAGGATCATTGATGTCA  
 TCTATACCAACCAAGCGAGGGCTATGGCGATAGCTTGACTCGGCTCTGTGCTGTGCTCACCTGTGTGT  
 CCTGTGCGGCGCTGCTGCCAACGGCATTCTGTCTACCTCATGCAGTCTTCAGGTGAGCATTGTGAAC  
 AGGCTGCGCACCTCTCTGTTCTCTCCATTCTAAGGCAAGAGGTTGCTTTCTTTGACAAGACCCGCACAG  
 GCGAATTAATTAACCGCCTCTCCTCGGATACCGCACTCCTGGGGCGCTCCGTGACTGAGAACCTCTCCGA  
 TGGCCTGAGAGCTGGGGCCAGGCCTCCGTTGGTGTGGCATGATGTTTTTGTGTACCAAGTCTGGCC  
 ACCTTTGTTCTGAGTGTGGTACCGCCATCTCTGTCTCGCTGTGATTATGGGCGATATCTACGGAAAC  
 TGTCCAAGCCACACAGGACTCCTTGGCAGAAGCCACACAGCTAGCCGAGGAGCGGATTGGAAACATAAG  
 AACCATCCGAGCTTTTGGGAAGGAGATGACGGAAGTGGAGAAGTACACCGGCCGAGTGGACCAGTTGCTG  
 CAGCTGGCACAGAAGGAGGCCTTGGCACGAGCCGGCTTCTTTGGAGCAGCTGGGCTCTCAGGAAACCTGA  
 TTGTGCTGTCTGCTGTACAAAGGAGGCCTGCTGATGGGCAGTGCCCATATGACAGTGGGCGAGCTCTC  
 TTCCTTCTCATGTACGCTTTCTGGGTTGGATTGAGCATCGGAGGACTGAGTTCACTTCTACTCCGAGCTG  
 ATGAAAGGCCTGGGTGCTGGTGGGCGGCTCTGGGAGCTGCTGGAGAGACAGCCACGGCTGCCTTTTAACG  
 AGGGGATGGTGTAGATGAGAAAACCTTCCAGGGTGCCTGGAGTTGAGAAACGTGCACTTCACATACCC  
 TGCTCGCCAGAGGTGTCCGTATTCCAGGATTCAGTCTTCCATCCCATCTGGATCTGTACAGCGCTG  
 GTTGGCCCAAGTGGTTCTGGGAAATCAACAGTGGTTTCGCTCCTGCTGCGGTTGTACGACCCTAATTCTG  
 GAACAGTCAGCCTTGATGGCCATGACATTCTGTCAGCTAAACCCGCTGCTGCTGAGATCCAAGATTGGGAC  
 AGTGAGTCAGGAGCCAGTCTGTTCTCCTGCTGTGCTGCTGAGAACATTGCCTATGGAGCTGACAACTC  
 TCCTCGGTCACAGCCAGCAGGTGGAGAGGGCCGAGAGGTGGCCAACCGGCTGAGTTCATCCGAAGCT  
 TCCCACAGGGCTTCGACACTGTGGTCCGGGAGAAAGGGCATCCTCCTGTCAGGTGGGCAGAACGAGGAT  
 TGCAATAGCCAGAGCCCTGCTGAAGAACCCCAAATTTCTCTCCTTGATGAAGCAACAGTGCATGGAT  
 GCCGAAAATGAGCACCTGGTCCAGGAGGCCCTTGACCGGCTGATGGAAGGGAGAACCGTCTGATCATAG  
 CCCACCGCCTGTCCACCATTAAGAATGCCAACTTTGTTGCTGTCTTGACCACGGAAGATCTGTGAACA  
 CGGGACACATGAAGAGCTGCTCCTGAAGCCCAATGGGCTTTACAGAAAACGATGAACAAGCAGAGTTTC  
 CTGTCATATAATGGAGCAGAGCAGTTCTTGGAACTGCACGGGCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR210225 representing NM_019552<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MRAPSARALLLIPRRGPAVRAWAPAVSSRIWLASEWTPLVRAWTSLIHKPGSGLRFPAPLSGLPGGVGQW<br/> ATSSGARRCWVLGPAAHPLFARLQGAAATGVRDLGNDQRRPAATGRSEVWKLLGLVRPERGRLSAV<br/> GFLAVSSVITMSAPFFLGRIIDVIYTNPSEGYGDSLTRLCAVLTCVFLCGAAANGIRVYLMQSSGQSI<br/> RLRTSLFSSILRQEVAFDQKTRTGELINRLSSDTALLGRSVTENLSDGLRAGAASVGVGMMFFVSPSLA<br/> TFVLSVVPPIISVLAVIYGRLRLSKATQDSLAEATQLAEERIGNIRTIRAFGKEMTEVEKYTGKVDQLL<br/> QLAQKEALARAGFFGAAGLSGNLIVLSVLYKGGLLMGSAHMTVGELSSFLMYAFWVGLSIGGLSSFYSEL<br/> MKGLGAGGRLWELLERQRLPFNEGMVLDEKTFQGALEFRNVHFTYPARPEVSVFQDFSLSPSGSVTAL<br/> VGPSGSGKSTVVSLLLRLYDPNSGTVSLDGHDIRQLNPVWLRKIGTVSQEPVLFSCSVAENIAYGADNL<br/> SSVTAQQVERAAEVANAAEFIRSFQGFDTVVGEGKILLSGGQKQRIAIARALLKNPKILLDEATSALD<br/> AENEHLVQEALDRLMEGRTVLIIAHLSTIKNANFVAVLDHGKICEHGTHEELLKPNGLYRKL MNKQSF<br/> LSYNGAEQFLEPARA</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_019552                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ORF Size:</b>         | 2145 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F1318                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <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_019552.2</a></u> , <u><a href="#">NP_062425.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq Size:</b>      | 4325 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq ORF:</b>       | 2148 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Locus ID:</b>         | 56199                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID:</b>       | <u><a href="#">Q9JL39</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>     | 8 E2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MW:</b>               | 77.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |