

## Product datasheet for **MR229548A1V**

### Mouse Hsd3b8 (NM\_001270429) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Tag:** Myc-DDK  
**Symbol:** Hsd3b8  
**Synonyms:** ENSMUSG00000074380  
**Mammalian Cell** None  
**Selection:**  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR229548 representing NM\_001270429  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGCCTGGGTGGAGCTGCCTGGTGACAGGAGCAGGAGGGTTTCTTGGCCAGAGGATTGTCCGAATGTTGG  
TGCAGGAGGAAGAGCTGCAGGAGATCAGAGCCCTGTTCAAGACCTTCGGTCGAAAACAGGAAGAGGAATT  
GTCCAAGCTGCAGACAAAGACCAAGGTGACAGTACTGAAGGGAGACATTCTGGATGCCAGTGCCTGAAG  
AGAGCCTGCCAGGGCATGTCTGCTGTCAACACCGCTGCTGCTATTGACCCCTTGGTGCCGCTTCCA  
GACAGACCATCCTAGATGTCAATCTGAAAGGTACTCAGCTCCTACTGGATGCTTGTGTGGAAGCCAACGT  
GCCAACATTCATCTACAGCAGCTCAGTGCTTGTGGCTGGACCAAATTCCTACAAGGAGATCATCCTGAAT  
GCCCCATGAGGAGGAGCATCATGAAAGCACATGGTCTAACCCTACCCATACAGCAAAAAGATGGCTGAGA  
AGGCAGTGCTGGCAGCCAATGGGAGCATCTGAAAAATGGTGGCACTTTGCATACTTGTGCCTTAAGACT  
CTCTTTCATCTATGGGAAGAATGCCAAGTCACTTCAACCACTGTGAAAACAGCACTGAAGAACAACAGC  
ATAATTAAGAAAAATGCCACATTCCTCATGCCAACCCAGTGTATGTGGCAATGCAGCCTGGGCTCACA  
TTCTGGCTGCCAGGAGCCTACAGGACCCTAAGAAGTCCCCAAGCATCCAAGGACAGTTCTATTACATTAC  
AGATGACACCCCTCACCAAGCTATGATGACTTAAATGCACCCTGAGCAAGGAGTGGGGCCTCCGCCTT  
GATACAGCTGGAGTCTTCTCTGCCCTGCTCTACTGGCTTGCTTCTCCTGGAACTGTGAGCTTCC  
TGCTACGTCAGTCTACAATATAGACCACCATTAACCGCTCTTGATCACAGTGCTAAATAGTGATT  
CACCTTCTCTACAAGAAGGCTCAGCGAGATCTGGGCTATGAGCCACTTGTCAGCTGGGAGGAAGCCAAG  
CAGAAAACCTCAGAGTGGATCGGAACACTAGTGATGCAGCACAGGAGATTGGAACAAAAAGTCACAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR229548 representing NM_001270429</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MPGWSCLVTGAGGFLGQRIVRMLVQEEELQEIRALFRTFGRKQEEELSKLQTKTKVTVLKGDILDAQCLK<br/> RACQGM SAVIHTAAAIDPLGAASRQTILDVNLKGTQLLLDACVEANVPTFIYSSSVLVAGPNSYKEIILN<br/> AHEEEHSTWSNPYPYSKKMAEKAVLAANGSILKNGGTLHTCALRLSFIYGEECQVTSTTVKTALKNNS<br/> IIKKNATFSIANPVYVGNAWAHILAARSLQDPKKPSIQGFYYITDDTPHQSYDDLKCTLSKEWGLRL<br/> DTSWSLPLLLYLAFLLLETVSFLLRPVYNYRPPFNRLITVLNSVFTFSYKKAQRDLGYEPLVSWEAK<br/> QKTSEWIGTLVMQHREIGNKKSQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ACCN:</b>             | NM_001270429                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 1119 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_001270429.1, NP_001257358.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>      | 1645 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq ORF:</b>       | 1122 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Locus ID:</b>         | 100043456                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID:</b>       | <u>Q61767</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>     | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>MW:</b>               | 41.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |