

## Product datasheet for **MR229885A1V**

### Mouse Hoxb3 (NM\_001079869) AAV Particle

#### Product data:

**Product Type:** AAV Particles

**Tag:** Myc-DDK

**Symbol:** Hoxb3

**Synonyms:** Hox-2.7

**Mammalian Cell** None

**Selection:**

**Vector:** pAAV-AC-Myc-DDK (PS100089)

**ORF Nucleotide Sequence:** >MR229885 representing NM\_001079869  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCAGAAAGCCACCTACTACGACAACACCGCAGCTGCGCTCTTCGGAGGCTACTCCTCGTACCCTGGCA  
GCAATGGTTTCGGCTACGACGGGCTCCCCAGCCCCCTTTTCAGGCCGCCACGCACCTGGAGGGTACTA  
CCAGCGCTCAGCGTGTCTCTGCACTCCCTGGGCAACGCCGCCACATGCCAAGAGCAAGGAGCTCAAT  
GGCAGCTGCATGAGGCCAGGCTGGCCCCAGAGCCCCCTGCCCGCACCTCCGGGCTCACCCCCACCCAGCG  
CCGCACCTACCAGTACCACTAGCAACAGCAATAACGGGGTGGGCCAGCAAAAGCGGCCCCCAAGTG  
CGGTGCCGGCTCCAACCTCCACCCTACCAACAGATATTCCTTGATGAAAGAGTCGAGGCAACGTC  
AAGCTGAAAAACAGCTCCCCCGCACAGCAGAAGGTTGTGGTGGTGGCGCGCGGTGGTGGCGGCGCG  
GCGGCGGTGGCGGCGCAGCAGCGCGGGGGCGCGCGCGGGGAGGGGACAAGAGCCCCCGGG  
GTCGGCCGCGTCCAAGCGGCGCGCACGGCGTACACAAGCGCGCAGCTGGTGGAGCTGGAGAAGGAGTTC  
CACTTCAACCGTTATTTGTCCGGCCGCGCGGGTTCGAGATGGCCAATCTGCTGAACCTCAGCGAGCGCC  
AGATCAAGATCTGGTTCAGAACCGTCGCATGAAGTACAAGAAAGACCAGAAGGCCAAGGGGCTGGCCTC  
GTCTCTGGGGTCCCTCTCCGGCCGGAAGCCCCCGCAGCCCATGCAGTCCACGGCCGGCTTCATGAAC  
GCCTTACACTCCATGACCCCCAGCTACGACAGCCCGTCCCCACAGCTTTCGGCAAAGGCCACCAGAATG  
CCTACGCGCTGCCTTCCAACCTACCAGCCCCCTTTAAGGGTTGGCGCGCCCCACAGAAGTACCCCCGAC  
CCCGGCGTCGGAGTATGAGCCCCACGTCTCCAAGCTAACGGGGGCGCCTACGGGACGCCCAACATGCAG  
GGCAGTCCGGTGTATGTGGCGGGGGTGGCTACGCGGATCCGCTGCCGCCCTGCCGGCCCCCTCCCTCT  
ACGGCCTCAATCACCTTCCACCAACCCCTCGGGGAACCTGGACTACAACGGGGCGGCCCTATGGGCC  
CAACCAGCATCATGACCCTGTGACCCTACCCCACGTACACAGACCTCTCTCTACCACGCACCGCT  
CAGGGTAGAATCAAGAAGCGCCAACTGACACACCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR229885 representing NM_001079869</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MQKATYYDNTAAALFGGYSSYPGSGNGFGYDGPPQPPFQAATHLEGDYQRSACSLQSLGNAAPHAKSKELN<br/> GSCMRPGLAPEPLPAPPGSPPPSAAPTSTTSNSNNGGPKSGPPKCGAGSNSTLTKQIFPWMKESRQTS<br/> KLKNSSPGTAEGCGGGGGGGGGGGGGSSGGGGGGGGGDKSPPGSAASKRARTAYTSAQLVELEKEF<br/> HFNRYLCRPRRVEMANLLNLSERQIKIWFQNRMKYKDKQAKGLASSGGSPAGSPPQPMQSTAGFMN<br/> ALHSMTPSYDSPPAFGKGHQAYALPSNYQPPLKGCAPQKYPPTPASEYEPHVLQANGGAYGTPTMQ<br/> GSPVYVGGGYADPLPPAGPSLYGLNHLSHPSGNLDYNGAAPMGPNGHHGPCDPHPTYTDLSSHAPP<br/> QGRIQEAPKLTHL</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ACCN:</b>             | NM_001079869                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ORF Size:</b>         | 1299 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_001079869.1</u> , <u>NP_001073338.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>      | 3390 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>       | 1302 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>         | 15410                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>       | <u>P09026</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>     | 11 59.84 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>MW:</b>               | 44.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |