

Product datasheet for **MR207447A1V**

Mouse Sox10 (BC018551) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Sox10 (BC018551) AAV Particle
Tag:	Myc-DDK
Symbol:	Sox10
Synonyms:	Dom; gt; Sox21
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207447 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGAGGAACAAGACCTATCAGAGGTGGAGCTGAGCCCTGTGGGCTCGGAGGAACCCCGCTGCCTGT
 CCCAGGCAGCGCGCCGTCGCTGGGACCCGACGCGCGCGCGGTGGCTCGGGCTTGCAGCCAGCCCGGG
 GCCCGGTGAAGTGGGCAAGGTCAAGAAGGAACAGCAGGACGGCGAGGCGGACGATGACAAGTTCCCGGTG
 TGCATCCGCGAGGCGGTGAGCCAGGTGCTCAGCGGCTACGACTGGACGCTGGTGGCCATGCCCGTGCAGC
 TCAACGGTGCCAGCAAGAGCAAGCCGCACGTCAAGAGGCCATGAACGCCTTCATGGTGTGGCACAGGC
 GGCACGCAGAAAGCTAGCCGACCAGTACCCTCACCTCCACAATGCTGAGCTCAGCAAGACTAGGCAAG
 CTCTGGAGTTGCTGAACGAAAGTGACAAGCGCCCTTCATTGAGGAGGTGAGCGGCTCCGGATGCAGC
 AAAAAAGGACCATCCGGACTACAAGTACCAACCTCGGCGCGGAAGAACGGGAAGGCAGCCAGGGGGA
 GGCAGAATGCCAGGCGGGGAAGCCGAGCAAGGAGGGGCTGCTGCTATTCAGGCTCACTACAAGAGTGCC
 CACCTGGACCACCGGCACCCAGAAGAAGGCTCCCCATGTCAGATGGGAACCCAGAGCACCCCTCAGGCC
 AGAGCCATGGCCCCCAACCCCTCCAACCACCCCAAAGACAGAGCTGCAGTCCGGCAAGGCAGACCCCAA
 AAGGGATGGGCGCTCCTTGGGGGAGGGCGGGAAGCCCCACATCGACTTCGGCAACGTGGACATCGGGGAG
 ATCAGCCACGAGGTAATGTCCAACATGGAAACCTTTGATGTGACTGAGCTGGACCAATACCTGCCACCCA
 ACGGGCACCCAGGCCATGTGGGTAGCTACTCGGCAGCTGGCTATGGGCTGGGCAGTGCCTGGCTGTGGC
 CAGTGGACACTCTGCCTGGATCTCCAAGCCACAGGTGTGGCTCTGCCACGGTCTCGCCCCCTGGTGTG
 GATGCCAAAGCCAGGTGAAGACAGAGACCACAGGCCCCAGGGACCCCACTACACCGACCGCCGT
 CCACTCCCAGATCGCTACACCTCCCTCAGTCTGCCCCACTACGGCTCCGCCTCCCTCCATCTCAGC
 ACCCCAGTTTGACTATTCTGACCATCAGCCCTCAGGACCCTATTATGGCCATGCAGGCCAGGCCCTCTGGC
 CTCTATTAGCCCTTTTCTTACATGGGGCCCTCCAGCGGCCCTCTACACTGCCATCTCTGACCCAGCC
 CCTCGGGGCCCAATCCACAGTCCACACACTGGGAGCAGCCAGTATATACACTCTATCCCGACCT

ACGCGTACGCGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207447 protein sequence
 Red=Cloning site Green=Tags(s)

MAEEQDLSEVELSPVGSEEPRLSPGSAPSLGPDGGGGGSLRASPGGELGKVKKEQQDGEADDDKFPV
 CIREAVSQVLSGYDWTLVPMPVRVNGASKSKPHVKRPMNAFMVWAQAARRKLADQYPHLHNAELSKTLGK
 LWRLNESDKRPFIEEAERLRMQHKHDHPDYKYQPRRRKNGKAAQGEAECPGGEAEQGGAAAIQAHYKSA
 HLDHRHPPEEGSPMSDGNPEHPSGQSHGPPPTPTPKTELSQSGKADPKRDGRSLGEGGKPHIDFGNVDIGE
 ISHEVMSNMETFVTELDQYLPNGHPGHVGSYSAAGYGLGSALAVASGHSAWISKPPGVALPTVSPPGV
 DAKAQVTETTGPQPPHYTDQPSTSQIAYTSLSLPHYGSAFPSSSRPQFDYSDHQPSGPPYYGHAGQASG
 LYSAFSYMGPSQRPLYTAISDPSPSGPQSHSPHWEQPVYTTLSRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

BC018551

ORF Size:

1398 bp

Buffer:

PBS with 0.001% Pluronic F68

Stability:	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.
RefSeq:	<u>BC018551</u> , <u>AAH18551</u>
RefSeq Size:	2554 bp
RefSeq ORF:	1400 bp
Locus ID:	20665
Cytogenetics:	15 37.7 cM
MW:	49.9 kDa