

Product datasheet for **MR226933A1V**

Mouse Hoxa2 (NM_010451) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Hoxa2 (NM_010451) AAV Particle
Tag:	Myc-DDK
Symbol:	Hoxa2
Synonyms:	AI324701; Hox-1.1; Hox-1.11; HOX1.11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR226933 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAATTACGAATTTGAGCGAGAGATTGGTTTTATCAATAGCCAGCCGTCGCTCGCTGAGTGCCTGACAT
CTTTCCCCCTGTCGCTGATACATTTCAAAGTTCATCAATCAAGACCTCGACGCTTTCACACTCGACACT
GATTCCTCCTCCTTTTGGAGCAGACCATTCAGCCGCTGAACCCGGGCAGTCACCTCGCCACGGCGCTGGC
GTTGGCGGCCGCCCAAGTCGAGCCCCGCGGCAGTCGCGGCAGCCCGGTGCCTGCCGGCGCCCTGCAGC
CGCCTGAGTATCCCTGGATGAAGGAGAAGAAGCGGCCAAGAAAACCGCCTGCCGCCGCCCGCCCTC
CACGGGCCCTGCCTGCCTCGGCCACAAAGAATCCCTGGAAATAGCTGATGGCAGCGCGGGGGATCCAGG
CGTCTGAGAACCAGTACACCAACACTCAGCTTTTGGAGCTGGAAGGAATTTCAATTTCAACAAGTACC
TTTGCAGACCCCGCAGGGTGAATCGCCGCGCTGCTGGATTTGACCGAGAGACAAGTGAAGTGTGTT
TCAGAACCGGAGAATGAAGCATAAGAGGCAAACCCAGTGCAAGGAGAACCAACAGCGAAGGGAATTT
AAAACTGGAGGACTCGGACAAAGTGGAGGAAGACGAGGAAGAGAAGTCACTCTTTGAGCAAGCCCTCA
GTGTCTCCGGGCCCTTCTGGAGAGGAAGGTACACTTTTCAGCAAAATGCGCTCTCTCAACAGCAGGC
TCCAATGGACACAATGGCGACTCCAAACTTTCCAGTTTCGCTTTAACAGTAATGAGAAAAATTTG
AAACATTTTCAGCACCAGTCACCACTGTTCTAACTGCTTGCAACAATGGGCCAGAAGTGTGGAGCTG
GCCTAAACAATGACAGTCCCGAGGCCATCGAGGTCCCCTCTTTCAGGACTTCAATGTTTTCTCCACAGA
TTCCTGCCTGCAGCTTTCAGATGCACTGTCGCCAGCTTGCTGGCTCCCTGGACAGTCTGTAGATATC
TCAGCTGACAGCTTTGACTTTTTTACAGACACACTCACCACAATCGACCTACAGCATCTGAATTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR226933 protein sequence Red=Cloning site Green=Tags(s) MNYEFEREIGFINSQPSLAECLETSFPPVADTFQSSSIKTSTLSHSTLIPPPFEQTIPSLNPGSHPRHGAG VGGRPKSSPAGSRGSPVAGALQPPEYPWMKEKKAAKKTALPPAASTGPACLGHKESLEIADGSGGSR RLRTAYTNTQLLELEKEFHFNKYLCPRRVEIAALLDLTERQVKVWFQNRMRMKHKRQTQCKENQNSEGKF KNLEDSKVEEDEEEKSLFEQALSVSGALLEREGYTFQQNALSQQAPNGHNGDSQTFPVSPVLSNEKNL KHFQHQSPVTPNCLSTMGQNCGAGLNDSPEAIEVPSLQDFNVFSTDSCQLQLSDALSPSLPGSLDSPVDI SADSFDFFTDTLTTIDLQHLNY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_010451
ORF Size:	1116 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>NM_010451.1, NP_034581.1</u>
RefSeq Size:	1775 bp
RefSeq ORF:	1119 bp
Locus ID:	15399
UniProt ID:	<u>P31245</u>
Cytogenetics:	6 25.4 cM
MW:	40.8 kDa