

Product datasheet for **RC210396A1V**

Human HOXB2 (NM_002145) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HOXB2 (NM_002145) AAV Particle
Tag:	Myc-DDK
Symbol:	HOXB2
Synonyms:	Hox-2.8; HOX2; HOX2H; K8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210396 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAATTTTGAATTTGAGAGGGAGATTGGGTTTATAAACAGCCAGCCGTCGCTCGCCGAGTGTCTGACTT
CCTTCCCCGCTGTCTTGGAGACATTTCAAACCTCATCAATCAAGGAGTCGACATTAATTCCTCCTCCTCC
TCCTTTGAGCAAACCTTCCCCAGCCTCCAGCCCGGCCCTCCACCCTTCAGAGACCCAGGAGCCAAAAG
CGAGCCGAAGATGGGCTGCTCTGCCGCCGCCACCGCCGCCCACTCCCCGCTGCCCCCGGCCCGCCG
AGTTCCCTTGGATGAAAGAGAAGAAATCCGCCAAGAAACCCAGCCAATCCGCCACGTCTCCTTCTCCGGC
CGCTCCGCCGTTCCGGCCTCCGGGTCGGATCGCTGCAGATGGCTGGGACTGCCGGAGGCTGGTGGC
GGCGGGGCGCGCAGGCTGCGCACGGCTTACACCAACACGCAGCTGCTGGAAGTGGAGAAGGAATTCCTACT
TTAATAAGTACCTGTGCCGCCACGCCGCTCGAGATCGCGCCTTGCTGGACCTCACCGAAAGGCAGGT
CAAAGTCTGGTTTCAGAACCGGCGCATGAAGCACAAGCGGCAGACGCAGCACCGAGAGCCCGGATGGG
GAGCCTGCCTGCCCGGGAGCCCTGGAGGACATCTGCGACCCTGCCGAGGAACCGCGGCCAGCCGGGCG
GCCCTCCGCTCGCGGGCGGCTGGGAAGCCTGCTGTACCCGCCGAGGTGGTCCGGGGGCTTAAG
CGCGGACCCCGGCTTTAGCCGTTTCGCTTAGAGGGCGCAGGCGCTCGAGTCCCGGCTGCGCGTGC
GGGGCCGGCGGCTGGAGCCCGGCCATTGCCAGAAGAGCTTCTCGGGGCGCCAGGATTCACCTTTCC
TTCCCGACCTCAACTTCTTCGCGGCCGACTCCTGTCTCAGCTATCCGGAGGCCTCTCCCTAGCCTACA
GGGTTCTCTCGACAGCCCGGTCCCTTTTCCGAGGAAGAGCTGGATTTTTTACCAGTACGCTCTGTGCC
ATCGACCTGCAGTTTCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210396 protein sequence Red=Cloning site Green=Tags(s) MNFEFEREIGFINSQPSLAECLTSFPAVLETFQTSSIKESTLIPPPPPFEQTFPSLQPGASTLQRPRSQK RAEDGPALPPPPPPPLPAAPPAPEFPWMKEKKSAKKPSQSATSPSPAASAVPASGVGSPADGLGLPEAGG GGARRLRTAYTNTQLLELEKEFHFNKYLCRPRRVEIAALLDLTERQVKVWFQNRMMKHKRQTHREPPDG EPACPGALEDICDPAEEPAASPGGPSASRAAWEACHPPEVVPALGALADPRPLAVRLEGAGASSPGCALR GAGGLEPGPLPEDVFSGRQDSPFLPDNLFFAADSCLQLSGGLSPSLQGSLDSPVPFSEEELDFFTSTLCA IDLQFP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002145
ORF Size:	1068 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_002145.3, NP_002136.1</u>
RefSeq Size:	1614 bp
RefSeq ORF:	1071 bp
Locus ID:	3212
UniProt ID:	<u>P14652</u>
Cytogenetics:	17q21.32
MW:	37.9 kDa