

Product datasheet for **RC210697A1V**

Human SOX13 (NM_005686) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SOX13 (NM_005686) AAV Particle
Tag:	Myc-DDK
Symbol:	SOX13
Synonyms:	ICA12; Sox-13
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210697 representing NM_005686
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCCATGAGGAGCCCCATCTCTGCCAGCTGGCCCTGGATGGCGTTGGCACCATGGTGAAGTGCACCA
 TCAAGTCAGAGGAGAAGAAAGAGCCTTGCCACGAGGCCCGCCAGGGCTCAGCCACTGCCGCTGAACCTCA
 GCCTGGAGACCCAGCCGGGCTCCAGGATAGTGCTGACCCCAAGCTCCAGCCAGGGAATTCAGG
 GGCTCCTGGGACTGTAGCTCTCCAGAGGTAATGGGTCCCAGAACCAAGAGACCAGGAGTGTGCGAGG
 CTGCCTCTGGAAGCCAGGAGAAGCTGGACTTCAACCGAAATTTGAAAGAAGTGGTCCAGCCATAGAGAA
 GCTGTTGTCCAGTGACTGGAAGGAGAGTTTCTAGGAAGGAAGTCTATGGAAGCCAAAGATGTCAAAGG
 ACCCAAGAGAGCCTAGCAGAGAAGGAGTCCAGCTTCTGGTCATGATTCACCAGCTGTCCACCCTGCGGG
 ACCAGCTCCTGACAGCCCACTCGGAGCAGAAGACATGGCTGCCATGCTGTTTGAAGCAGCAGCAGCA
 GATGGAGCTTGGCCGGCAGCAGCAGGAGCAGATTGCAAAGCAGCAGCAGCAGCTGATTCAGCAGCAGCAT
 AAGATCAACCTCCTTCAGCAGCAGATCCAGCAGTTAATATGCCTTATGTCATGATCCCAGCCTTCCCC
 CAAGCCACCAACCTCTGCTGTACCCCTGACTCCCAGCTGGCCTTACCCATTACGCCCATTCCTTGCAA
 ACCAGTGGAGTATCCGCTGCAGCTGCTGCACAGCCCCCTGCCAGTGGTGAAGAGGCCTGGGGCCATG
 GCCACCCACACCCCTGCAGGAGCCCTCCAGCCCTGAACCTCACAGCCAAGCCCAAGGCCCCCGAGC
 TGCCCAACACCTCCAGTCCCAAGCCTGAAGATGAGCAGCTGTGTGCCCCGCCCCCAGCCATGGAGG
 CCCCACGCGGGACCTGCAGTCCAGCCCCCGAGCCTGCCTCTGGGCTTCTTGGTGAAGGGGACGCTGTC
 ACCAAAGCCATCCAGGATGCTCGGCAGCTGCTGCACAGCCACAGTGGGCTTGGATGGTCCCCAACA
 CCCCCTTCCGTAAAGACCTCATCAGCTGGACTCATCCCAGCCAAGGAGCGGCTGGAGGACGGCTGTGT
 GCACCCACTGGAGGAAGCCATGCTGAGCTGCGACATGGATGGCTCCCGCCACTTCCCGAGTCCCGAAAC
 AGCAGCCACATCAAGAGGCCATGAACGCTTATGGTGTGGGCAAGGATGAGCGGAGGAAGATCCTGC
 AAGCCTTCCAGACATGCACAACTCCAGCATCAGCAAGATCCTTGGATCTCGCTGGAAGTCCATGACCAA
 CCAGGAGAAGCAGCCCTACTATGAGGAACAGGCGCGGCTGAGCCGGCAGCACCTGGAGAAGTATCCTGAC
 TACAAGTACAAGCCGCGGCCAAGCGCACCTGCATCGTGGAGGGCAAGCGGCTGCGCGTGGGAGAGTACA
 AGGCCCTGATGAGGACCCGGCGTCAGGATGCCCGCCAGAGCTACGTGATCCCCCGCAGGCTGGCCAGGT
 GCAGATGAGCTCCTCAGATGTCCTGTACCCTCGGGCAGCAGGCATGCCGCTGGCAGCCACTGGTGGAG
 CACTATGTCCCTCGTAGCCTGGACCCCAACATGCCTGTGATCGTCAACACCTGCAGCCTCAGAGAGGAGG
 GTGAGGGCACAGATGACAGGCACTCGGTGGCTGATGGCGAGATGTACCGGTACAGCGAGGACGAGGACTC
 GGAGGGCGAAGAGAAGAGCGATGGGGAGTTGGTGGTGCTCACAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSMRSPISAQLALDGVGTMVNCTIKSEEKKEPCHEAPQGSATAAEPQPGDPARASQDSADPQAPAQGNFR
 GSWDCSSPEGNSSPEPKRPGVSEASGSQEKLDNFNRNLKEVVPPIEKLLSSDWKERFLGRNSMEAKDVKG
 TQESLAEKELQLLVMIHQLSTLRDQLLTAHSEQKNMAAMLFEKQQQMEELARQQEQEIAKQQQQLIQQQH
 KINLLQQQIQQVNMPYVMIPAFPPSHQPLVPTPDSQLALPIQIPCKPVEYPLQLLHSPAPVVKRPGAM
 ATHHPLQEPSQPLNLTAKPKAPELNTSSPSLKMSSCVPRPPSHGGPTRDLQSSPPSLPLGFLGEGDAV
 TKAIQDARQLLHSHSGALDGSPNTPFRKDLISLDSSPAKERLEDGCVHPLEEAMLSCDMDGSRHFPESRN
 SSHIKRPMNAFMVWAKDERRKILQAFPMHNSSIISKILGSRWKSMTNQEKPYYEEQARLSRQHLEKYPD
 YKYKPRPKRTCIVEGKRLRVGEYKALMRTRRQDARQSYVIPPQAGQVQMSSSDVLYPRAAGMPLAQPLVE
 HYVPRSLDPNMPVIVNTCSLREEEGTDRHSVADGEMRYSEDEDESGEEKSDGELVVLTD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_005686
ORF Size:	1866 bp
Buffer:	PBS with 0.001% Pluronic F6609
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_005686.2</u>
RefSeq Size:	4088 bp
RefSeq ORF:	1869 bp
Locus ID:	9580
UniProt ID:	<u>Q9UN79</u>
Cytogenetics:	1q32.1
MW:	69 kDa