

Product datasheet for **RC224228A1V**

Human SOX5 (NM_006940) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SOX5 (NM_006940) AAV Particle
Tag:	Myc-DDK
Symbol:	SOX5
Synonyms:	L-SOX5; L-SOX5B; L-SOX5F; LAMSHF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224228 representing NM_006940
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTACTGACCCTGATTTACCTCAGGAGTTTGAAGGATGTCTTCCAAGCGACCAGCCTCTCCGTATG
 GGGAAGCAGATGGAGAGGTAGCCATGGTGACAAGCAGACAGAAAGTGGAAGAAGAGGAGAGTGACGGGCT
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 AACTGCCGAACAGAAAAGGAAAAACAACACTGGAGAGTCTGACTCAGCAACTGGCAGTTAAACAGAATG
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 GGAGCAAGCCCTCTCAGCAAGCAGCAGCTGGAGAAGTACCCTGACTATAAGTACAAGCCAGGCCAAAAG
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 CCCTGGAGCCATCGCCATGGCTGGGATGCCCTCCCCTCACCTGCCCTCGGAGCACTCAAGCGTGTCTAGC
 AGCCCAGAGCCTGGGATGCCTGTTATCCAGAGCACTTACGGTGTGAAAGGAGAGGAGCCACATATCAAAG
 AAGAGATACAGGCCGAGGACATCAATGGAGAAATTTATGATGAGTACGACGAGGAAGAGGATGATCCAGA
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ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC224228 representing NM_006940 Red=Cloning site Green=Tags(s) MLTDPDLPQEFERMSSSRPASPYGEADGEVAMVTSRQKVEEESDGLPAFHLPLHVSFPNKPHEEFQPV SLLTQETCGHRTPTSQHNTMEVDGNKVMSSFAPHNSSTSPQKAEEGGRQSGESLSSTALGTPERRKGSLA DVVDTLKQRKMEELIKNEPEETPSIEKLLSKDWKDKLLAMGSGNFGEIKGTPESLAEKERQLMGMINQLT SLREQLLAHDEQKKLAASQIEKQRQQMELAKQQQEIQARQQQLLQQQHKINLLQQQIQVQGQLPPLMI PVFPPDQRTLAAAQQGFLLPPGFSYKAGCSDPYPVQLIPTTMAAAAAATPGLGPLQLQLYAAQLAAMQ VSPGGKLPGIPQGNLGAASVPTSIIHTDKSTNSPPPKSKDEVAQPLNLSAKPKTSDGKSPTSPTSHPMPAL RINSGAGPLKASVPAALASPSARVSTIGYLNHDHDAVTKAIQEARQMKEQLRREQQVLDGKVAVVNSLGLN NCRTEKEKTTLESLTQLAVKQNEEGKFHAMMDFNLSGSDSGSAGVSESRIYRESRGRGSNEPHIKRPM NAFMVWAKDERRKILQAFPMHNSNISKILGSRWKAMTNLEKQPYEEQARLSKQHLEKYPDYKYKPRPK RTCLVDGKKLRIGEYKAIMRNRQEMRQYFNVGQQAQIPIATAGVVYPGAIAMAGMPSPHLPSEHSSVSS SPEPGMPVIQSTYGVKGEEPHIKEEIQAEINGEYDEYDEEEDDPDQVYSDSENHIAGQAN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006940
ORF Size:	2289 bp
Buffer:	PBS with 0.001% Pluronic F8779
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:	NM_006940.4
RefSeq Size:	4333 bp
RefSeq ORF:	2292 bp
Locus ID:	6660
UniProt ID:	P35711
Cytogenetics:	12p12.1
MW:	83.8 kDa