

Product datasheet for **RC219520A1V**

Human SHOX2 (NM_006884) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human SHOX2 (NM_006884) AAV Particle
Tag: Myc-DDK
Symbol: SHOX2
Synonyms: OG12; OG12X; SHOT
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC219520 representing NM_006884
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAAGAACTTACGGCGTTCGTCTCCAAGTCTTTGACCAGAAAGTGAAGGAGAAGAAGGAGGCGATCA
CGTACCGGGAGGTGCTGGAGAGCGGGCCGCTGCGCGGGGCCAAGGAGCCGACCGGCTGCACCGAGGCGGG
CCGCGACGACCGCAGCAGCCCGCAGTCCGGGCGGCCGCGGAGGCGGCGGAGGAGGCGGAGGCGGAGGCGGG
GGCGGAGGAGGCGGAGGAGGTGTAGGAGGAGGAGGAGCAGGCGGAGGAGCTGGAGGAGGCGCTCTCCCG
TCCGGGAGCTGGACATGGGCGCCGCCGAGAGAAGCAGGAGCGGCGAGCCCGGACTGACGGAGGTGTC
CCCGGAGCTGAAAGATCGCAAAGAGGATGCGAAAGGGATGGAGGACGAAGGCCAGACCAAAATCAAGCAG
AGGCGAAGTCGGACCAATTTACCCCTGGAACAACCTCAATGAGCTGGAGAGGCTTTTTGACGAGACCCACT
ATCCCGACGCCTTCATGCGAGAGGAACTGAGCCAGCGACTGGGCCTGTCGGAGGCCCGAGTGCAGGTTTG
GTTTCAAAATCGAAGAGCTAAATGTAGAAAACAAGAAATCAACTCCATAAAGGTGTTCTCATAGGGGCC
GCCAGCCAGTTTGAAGCTTGTAGAGTCGCACCTTATGTCAACGTAGGTGCTTTAAGGATGCCATTTACAG
AGGATAGTCATTGCAACGTGACGCCCTTGTCCTTCAGGTTCAGGCGCAGCTGCAGCTGGACAGCGCTGT
GGCGCACGCGCACCAACCTGCATCCGCACCTGGCCGCGCACGCGCCCTACATGATGTTCCAGCACCG
CCCTTCGGAAGTCCGCTGCGCACGCTGGCCGCGGATTTCGGCTTCGCGCGCTCGGTAGTGCGGCGCCGAG
CAGCCGCAAGACCACCAAGCAAGAACTCCAGCATCGCCGATCTCAGACTGAAAGCCAAAAGCACGCCG
AGCCCTGGGTCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC219520 representing NM_006884 Red=Cloning site Green=Tags(s) MEELTAFVSKSFDQKVKEKKEAITYREVLESGPLRGAKEPTGCTEAGRDDRSPAVRAAGGGGGGGGGGGGGGGGGGGGGGGGGGAGGGAGGGGRSPVRELDMGAAERSREPGSPRLTEVSPELKDRKEDAKGMEDEGQTKIKQRRSRTNFTLEQLNELERLFDETHYPDAFMREELSQRLLGLSEARVQVWFQNRRAKCRKQENQLHKGVLI GASQFEACRVAPYVNVGALRMPFQQDSHCNVTPLSFQVQAQLQLDSAVAHAHHHLHPHLAAHAPYMMFPAPPFGLPLATLAADSASAAASVAAAAAAKTTSKNSSIADLRLKAKKHAAALGL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006884
ORF Size:	993 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:	NM_006884.1 , NP_006875.2
RefSeq Size:	1948 bp
RefSeq ORF:	996 bp
Locus ID:	6474
UniProt ID:	O60902
Cytogenetics:	3q25.32
MW:	34.8 kDa