

Product datasheet for **RC220735A1V**

Human SOX30 (NM_007017) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SOX30 (NM_007017) AAV Particle
Tag:	Myc-DDK
Symbol:	SOX30
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220735 representing NM_007017
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAGAGCCAGACCCGAGCCGCGCCTCAGCCGCGCCGTTGCGTCCCGCTCCGCCCCCGCTGCCGG
 TCGAGGGCACCTCCTTTTGGGCAGCAGCCATGGAGCCCCTCCGTCGCTCCCACACTGAGCGCGGCAGC
 CAGTGCACCTTGGCCTCGTCGTGCGGGGAGGCAGTGGCGTCCGGCTTACAGCCCGGGTGC GGCGGCTG
 CTGCAGGTGAAGCCAGAGCAGGTGTTGTGCTACCACAGCCTCAGGCCCAGAACGAGGAAGCCGCTGCCT
 CGTCCGCGCAGGCGGGCTGTTGCAGTTCAGGCCCGACCTGCGGCTCCTGCAGCCCGGACAGCGTCAGA
 CGGCGCCACCTCCAGGCCGAGTTGCACCCGGTGCAGCCCTGGCGTGCATGTCAAGGCCAAGAAGCAG
 AAGCTGGGGCCAGCCTGGATCAGTCAAGTGGGGCTCGAGGGCCGTCGAAACCCGGTCTAGAGCCTCCA
 GGGTGGTCAAGTTGGAAGCCCCGGGCCGCCCTCGGCTACTTCCGAGGGGACGAGAAGGGCAAGCTGGA
 GCGGAGGAGGTATGAGAGACTCGATGCAAGCGGGGCAGGCAAAGCCGGCAGCCATCCGAGAAGGT
 GTGATCAAACCGAGGAACCCGAGAGACTCCTCGAGGACTGCAGGCTCGGCGCGGAGCCCGCTCCAATG
 GCCTGGTTCATGGCAGCGCGGAGGTATCTTGGCCCAACGTCCGGTGCCTTTGGGCCGACCCAGCAAGA
 CCTTAGGATCCCTTTGACGCTCCACACGGTCCCCCTGGGGCCCGGATCCAGTTTCAGGGAGCTCCGCT
 TCAGAGCTGATAAGATTGACCAAGTCCCCCTGACACCAAGTGCCTACTAAAATGCAGTCCCTACTGGAGC
 CTTCTGTAAAAATTGAAACCAAGATGTCCCGTCACCGTGTTCGCCCTCAGATGCAGGCATACCAGATAC
 TCCCTTCAGTAAGGACAGAAATGGTCAATGTGAAGCGACCCATGAACGCATTTATGGTTTGGGCAAGGATC
 CACCGACCAAGCTAGCCAAAGCTAACCAGCAGCCAAACAATGCAGAAATCAGTGTCCAGCTTGGGTTAG
 AGTGAACAAACTTAGTGAAGAACAAGAAACCCCTATTACGATGAAGCACAAAAGATTAAAGAAAAGCA
 CAGAGAGGAATTTCTGGTTGGGTTTATCAGCCTCGTCCAGGGAAGCGAAAACGATTCCTCTAAGTGTT
 TCCAATGTATTTCTGGTACCACACAGAATATCATCTCTACAAATCCTACAACAGTTTATCCTTACCGCT
 CACCTACGTACTCTGTGGTAATCCAGCCTACAGAATCCCATCACTCATCCAGTTGTACATGCCCTTAC
 AGTCGGCTCCCTTTGGCTATGGAAATTTCCGAGTTCATGCCAGAATGCCTTAGTTATTATGAAGACA
 GGTACCCAAAACATGAGGGTATCTTTCAACTT

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220735 representing NM_007017
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MERARPEPPPQPRPLRPAPPPLPVEGTSFWAAAMEPPSSPTLSAAASATLASSCGEAVASGLQPAVRRLL
 LQVKPEQVLLLPQQAQNEEAASSAQARLLQFRPDLRLLPPTASDGATSRPELHPVQPLALHVKAKKQ
 KLGPQLDQSVGPRGAVETGPRASRVVKLEGGPALGYFRGDEKGLAEAEVMRDSMQGGAGKSPAAREG
 VIKTEEPERLLEDRCRLGAEPASNGLVHGSAEVILAPTSAGAFGPHQQDLRIPLTLHTVPPGARIQFQGAPP
 SELIRLTKVPLTPVPTKMQLLEPSVKIETKDVPLTVLPSDAGIPDTPFSKDRNGHVKRPMMNAFMVWARI
 HRPALAKANPAANNAEISVQLGLEWNKLSSEEQKPYDEAQKIKEKHREEFPGWVYQPRPGKRKRFPPLSV
 SNVFSGTTQNIISTNPTTVYPYRSPTYSVVIPSQNPITHPVVHALTVGLPLAMEIFRVQCQNALVIMKT
 GTQNMRYVSFQL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_007017
ORF Size: 1503 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_007017.2</u> , <u>NP_008948.1</u>
RefSeq Size:	2787 bp
RefSeq ORF:	1506 bp
Locus ID:	11063
UniProt ID:	<u>O94993</u>
Cytogenetics:	5q33.3
MW:	54.1 kDa