

Product datasheet for **RC224152A1V**

Human SUOX (NM_001032387) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SUOX
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC224152 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTGCTGCTGCACAGAGCTGTGGTCTCAGGCTCCAACAGGCCTGCAGACTCAAGTCAATCCCCTCAA
 GGATCTGCATTAGGCCTGCTCCACAAATGATTCAATTCAGCCCCAGCGCCCCAGCCTCACCTTCTCTGG
 TGATAACTCCAGCAGCCAGGGATGGAGAGTCATGGGGACCCCTATTAGGTCCTCGGTGCAGTGTGGCCTAT
 CAGGACCATCGGTGTAGGGTGTCTCAGGAGTCAACACACATATACACTAAGGAGGAAGTGAAGTCCCACA
 CCAGCCCTGAGACTGGGATCTGGGTGACTCTGGGCTCTGAGGTCTTTGATGTACAGAATTTGTGGACCT
 ACATCCAGGGGGGCTTCAAAGCTGATGCTAGCAGCTGGGGTCCCCTAGAGCCCTTCTGGGCCCTCTAT
 GCTGTTCAACACAGTCCCATGTGCGTGAGTTACTGGCTCAGTACAAGATTGGGAGCTGAATCCTGAAG
 ACAAGGTAGCCCCACCGTGGAGACCTCTGACCCTTATGCTGATGATCCTGTACGTCACCCAGCCCTGAA
 GGTCAACAGCCAGCGGCCCTTAAATGCAGAGCCTCCCCCTGAGCTGCTGACAGAAAATACATCACACCC
 AACCCATATCTTCTTACCCGGAACCATCTGCCTGTACCTAACCTGGATCCAGACACCTATCGCTTACACG
 TAGTAGGAGCACCTGGGGTCACTGCTCTCTTCCCTGGATGACTTGCACAACTTTCCAGGTACGA
 GATCACAGTCACTCTGCAGTGTGCCGGAACCGACGCTCTGAGATGACTCAGGTCAAAGAAGTAAAGGT
 CTGGAGTGGAGAACAGGAGCCATCAGCACTGCACGCTGGGCTGGGACGCTCTGTGATGTGTAGGCC
 AGGCTGGCCACCAACTCTGTGAACTGAGGCCACGCTGCTTTGAGGGACTGGACTCAGACCCCTACTGG
 GACTGCCTATGGAGCATCCATCCCTCTGGCTCGGGCCATGGACCCTGAAGCTGAGGTCTGCTGGCATAT
 GAGATGAATGGGACGCTCTGCCACGTGACCACGGCTTCCCTGTGCGTGTGGTGGTCTGGAGTGGTGG
 GTGCCCCCATGTCAAATGGCTGGGAGAGTGAAGTGTGAGCCAGAGGAAAGTTACAGCCACTGGCAACG
 GCGGGATTACAAAGGCTTCTCTCCATCTGTGGACTGGGAGACTGTAGATTTTGAAGTCTGCTCCATCCATT
 CAGGAACCTTCTGTCCAGTCCGCCATCACAGAGCCCCGGGATGGAGAGACTGTAGAATCAGGGGAGGTGA
 CCATCAAGGGCTATGCATGGAGTGGTGGTGGCAGGGCTGTGATCCGGGTGGATGTGTCTCTGGATGGGG
 CCTAACCTGGCAGGTGGCTAAGCTGGATGGAGAGGAACAGCGCCCCAGGAAGGCTGGGCATGGCGTCTG
 TGGCAGTTGAAAGCCCCGTGTGCCAGCTGGACAAAGGAAGTGAACATTGTTTGAAGGCTGTGGATGATG
 GTTACAATGTGAGCCAGACACCGTGGCCCAATCTGGAACCTGCGAGGTGTTCTCAGCAATGCCTGGCA
 TCGTGTCCATGTCTATGTCTCCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >RC224152 protein sequence
 Red=Cloning site Green=Tags(s)

MLLLHRAVVLRLQQACRLKSIPSRICIQACSTNDSFQPQPSLTFSGDNSSTQGWVMGTLGLGAVLAY
 QDHRCAAQESTHIYKKEEVSSHTSPETGIWVTLGSEVFDVTEFVDLHPGGPSKMLAAGGPLEPFWALY
 AVHNQSHVRELLAQYKIGELNPEDKVAPTIVETSDPYADDPVRHPALKVNSQRPFAEPPPELLTENYITP
 NPIFFTRNHLPPVNLDPDTPYRLHVVGAPGGQSLSLSLDDLHNFPRYEITVTLQCAGNRRSEMTQVKEVKG
 LEWRTGAISTARWAGARLCDVLAQAGHQLCETEAHVCFEGLDSDPTGTAYGASIPLARAMDPEAEVLLAY
 EMNGQPLPRDHGFPVRVVVPGVVGARHVKWLGRVSVQPEESYSHWQRRDYKGFSPSVDWETVDFDSAPSI
 QELPVQSAITEPRDGETVESGEVTIKGYAWSGGGRAVIRVDVSLDGLTWQVAKLDGEEQRPRKAWAWRL
 WQLKAPVPAGQKELNIVCKAVDDGYNVQPDTPAPIWNLRGVLNAWHRVHVVYVSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001032387

ORF Size: 1635 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_001032387.1, NP_001027559.1</u>
RefSeq Size:	2329 bp
RefSeq ORF:	1638 bp
Locus ID:	6821
UniProt ID:	<u>P51687</u>
Cytogenetics:	12q13.2
MW:	60.3 kDa