

Product datasheet for **MR210448A1V**

Mouse Qsox1 (NM_001024945) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Qsox1 (NM_001024945) AAV Particle
Tag:	Myc-DDK
Symbol:	Qsox1
Synonyms:	1300003H02Rik; Qscn6; QSOX; SOx
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210448 representing NM_001024945
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGAGGTGCGGCCGCTCTCGGGGCCCATCGCTGCTGCTACTACTGCTGCTGCTCTCGCCTCTGC
 TCTTCTCGGGGCCCGGCCGCTTACGCGGCCCGGCTCTCAGTGCTCTACTCGTCCTCTGACCGCTGACGCT
 GCTGGATGCTGATTCCGTGCGTCCCACTGTGCTCGGCTCCAGCAGCGCCTGGGCGGTGGAGTTCTTCGCC
 TCCTGGTGTGGCCACTGCATCGCCTTCGCCCGACGTGGAAGGAGCTTGCTAACGACGTGAAAGACTGGA
 GGCCAGCACTCAATCTTGCTGTCTGGACTGTGCTGAGGAGACCAACAGTGCTGTCTGCAGAGAGTTCAA
 CATCGCTGGCTTCCGACTGTGAGGTTTTTTCAGGCCTTTACCAAGAACGGTTCTGGAGCGACACTGCCA
 GGTGCTGGCGCTAATGTGCAGACTCTGCGTATGAGGCTCATCGATGCTCTGGAGTCCCACCGTGACACAT
 GGCCCCAGCCTGTCCACCTCTGGAACCTGCCAAGCTGAATGATATCGACGGATTCTTTACAAGAAATAA
 AGCAGATTACCTGGCCCTGGTCTTTGAAAGGGAAGACTCTACCTGGGTAGAGAGGTAACCTCTGGACCTG
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 TCACTGACTTCCCATCTTGTTACCTGCTGCTTCGGAATGGCTCTGTCTCCCGAGTGCCTGTGCTGGTGG
 GTCCAGGTCTTTCTATACATCCTATCTTCGGGGGCTACCTGGACTGACCAGGGATGCTCCCCAACCCACA
 GCCACCCAGTCACTGCTGATAAGATAGCACCCACAGTGTTGGAAGTTTGACAGCCGCTCCAAGATCTACA
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 GCAAACCGATATAGTGAGGCCACCCACAGGAACAGCTGATGGCCAGGAGGTCCTCAAAGCCATGAGGA
 GCTATGTTCAAGTCTTCTTTGGCTGTCTGACTGTGCGGACCATTTTGAAGCAGATGGCTGCAGCGTCCAT
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 CTCTCAGGTGCTCTGAGTGAGGACCCCACTTCCCAAGGTGAGTGGCTCCCGTGAGCTGTGTTCTG
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 TCACTTCTCCCCAGCAAACATCGTCATAGACTCTTCTGCATCTAGACACACAGGCCGGAGAGGGAGTCCA
 GAAGCTACCCCGAGCTGGTAATGGATACATTAAGTGGAGAGCAGAAATTCAGTGTTGGGCCATGAGC
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 CCCCCAAGAACTATACAGGCCTCAGAATGGGTGGAGCTTACCAGGGCAGGGCCCTCCTGAGCGCATG
 GAAGACCACAGAGGGATATGCAGGAGAATGCCCCGGGCAGCAACACTTGAGCAAGAGAGACTGAAG
 CCTATTTCTGCCTGAGGTGAACCACTCCAAGGCCCTTTAGAGCTCAGGCGAGGGGGCCGACGCCCAA
 GCAACTAGCCCCATACTTGAAGAGGAACAGAGGCCCTAGCTATACAGGGCCAGGCCAGTGGCTGCAG
 GTTCTAGGAGGGGGCATTTCCACCTGGACATTAGCCTCTGTGTGGGGCTCTACTCCGTGCTCTCATGG
 GCTTACTGGCCATGTACACCTACTTTGGGCCAGGCTGAGAACCCCAAGGGCCATGCTAGTTACCCAC
 AGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210448 representing NM_001024945 Red=Cloning site Green=Tags(s) MRRCGRLSGPPSLLLLLLLLSPLLFSGPGAYAARLSVLYSSSDPLTLLDADSVRPTVLGSSSAWAVEFFA SWCGHCIAFAPTWKELANDVKDWRPALNLAVLDAEETNSAVCREFNIAGFPTVRFFQAFTKNGSGATLP GAGANVQTLRMRLIDALESHRDTWPPACPPLEPAKLNDIDGFFTRNKADYLALVFEREDSYLGREVTLDL SQYHAVAVRRVLNTESDLVNKFVGTDFPSCYLLLRNGSVSRVPVLVESRSFYTSYLRGLPGLTRDAPPTT ATPVTADKIAPTVWKFAADRSKIYMADESALHYILRVEVGKFSVLEGQRLVALKKFVAVLAKYFPGQPLV QNFLHSINDWLKQKQKKRIPYSFFKAALDSRKEDAVLTEKVNWVGCQGSEPHFRGFPCSLWVLFHFLTQ ANRYSEAHQPQEPADGQEVQLQAMRSYVQFFFGCRDCADHFEQMAAASMHQVRSPSNAILWLWTSNHRVNAR LSGALSEDPHFPKVQWPPRELCSACHNELNGQVPLWDLGATLNLKAHFSPANIVIDSSASRHTGRRGSP EATPELVMDTLKLESRLSVLGHEQAASAEVPGATLDVPAEKPEASGPQELYTGLRMGGASPGQGPPERM EDHQDMQENAPGQQLSKRDTEALFLPEVNHLCGPLELRGGRSPKQLAPILEEEPEALAIQGQGWLQ VLGGGISHLDISLCVGLYSVSFMMGLAMTYFRARLRTPKGHASYP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001024945
ORF Size:	2244 bp
Buffer:	PBS with 0.001% Pluronic F1535
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_001024945.1, NP_001020116.1</u>
RefSeq Size:	3399 bp
RefSeq ORF:	2247 bp
Locus ID:	104009
UniProt ID:	<u>Q8BND5</u>
Cytogenetics:	1 G3
MW:	83.2 kDa