

## Product datasheet for **MR209683A1V**

### Mouse Qsox2 (NM\_153559) AAV Particle

#### Product data:

|                           |                                      |
|---------------------------|--------------------------------------|
| Product Type:             | AAV Particles                        |
| Product Name:             | Mouse Qsox2 (NM_153559) AAV Particle |
| Tag:                      | Myc-DDK                              |
| Symbol:                   | Qsox2                                |
| Synonyms:                 | BC030934; Qscn; Qscn6l1; QSO; Soxn   |
| Mammalian Cell Selection: | None                                 |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)           |



[View online »](#)

**ORF Nucleotide  
Sequence:**

>MR209683 representing NM\_153559  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**

ATGGCTGCCGCCCGGGCTGTGGCGCGGGATCCAGGAGCTTATGCGCGGCAGCCACCGTCTCTTCGAGCCG  
 CGCGGCTGCCGCGGGCTGCTCTTCTGCTGGCGGTGGTGGCGGCAGTGGGGCCCCGGGAGGGCGGCCGGGC  
 GCGGCTCTACCGCGAGGGCTCAGACGCCGTGTGGTTGCTGGACAGCGGCAGCGTGGGTGGGCCACGGGC  
 AACAGCTCAGCCGCGTGGCTGGTGCAGTTCCACTCGTCGTGGTGGCGCCACTGCATCGGTACGCACCCA  
 CCTGGCGAGCGCTGGCGCGGACGTGCGAGACTGGGCTGCTGCCATCCGTGTTGCTGCTCGACTGTGC  
 AGAAGAAAAGAACAGGATGTGTGCCGCACATATGACATCCACTTCTACCCACCTTCAGGTATTTTAA  
 GCATTTACAAAGGAGTTTACAACGGGAGAAAAATTTAAAGGACCTGACAGGGAGCTGCGGACAGTCAGGC  
 AGACAATGATCGACTTCCTGCAGAACATACTGAGGGCACCTGGCCTCCTGCATGCCACCCCTGGACCC  
 TATTCAGTCCAGTGACATCCTTTCCTTCATGGATAGCCACAGTGGCCAATACCATGCTATTGTGTTTGA  
 AGCAATGGTCTTATGTTGGACGAGAGGTGATCTTAGATTTGATTCCATATGAAAACATCATGGTGAGCC  
 GAGCACTGGATACGGACAAAGCATTCTGGGGACACTTGGCATTACTTCAGTGCCTTCTCTTACTTGAT  
 TTACCCAAATGGGTCTCATGGACTGGTTAATGTTGCAAAGCCTCTACGATCGTTTTTCTCCTCTCATTTA  
 AAATCCTTACCAGATGTAAGGAAAAAGTCACTTTTCTTGCCTGAAAAGTCCAACAAGAAGAAAAATCAG  
 AGGTGGTGGTTTGAAAGAAATTTGACAGGGCCAAGCTGTATACTGCAGACCTGGAGTCGGGACTTCACTA  
 CCTGCTGAGAGTGGAGCTGGCTGCTCACAGGTCCCTGGCTGGAGCCAGTTAAAGACATTCAGGGACTTC  
 GTGACTGTCGTTGCCAAGCTGTTCCCTGGCCGGCCTGCAGTCAAGAAGCTGTTGGAGACACTGCAGGAGT  
 GGTTGGCCAACCTCCCCCTGGACAAGATTCCATATAATGCCATCCTAGACCTAGTCAACAACAAAATGCA  
 GATTTCTGGAATCTTTCTTACCAGCCACGTAAAGTGGTGGGATGTCAAGGAAGTCGATTGGAGTTGAGG  
 GGCTACCCATGCTCCCTCTGGAAGTGTTCACACTTTGACGGTTCAGGCCTCCACCCATCCAGAAGCGC  
 TGGCTGGCACAGGCTTTGAAGGCCACCCCCAGGCTGTGTTGCAGGCCATCAGGAGATACATTGCGACATT  
 CTTTGGGTGCAAAGAATGTGGTGAACATTTGAGGAAATGGCTAAGGAGTCCATGGATTCTGTGAAACT  
 CCAGACCAAGCTGTTCTCTGGCTTTGGAGAAAGCACAAATGGTAAACAGCCGCCTGGCAGGCCATTTGA  
 GTGAGGACCCCAAGTTTCCAAAGTTCCATGGCCACTCCAGACCTCTGCCAGCCTGCCATGAGGAAAT  
 TAAAGGCCTGGACAGCTGGAATGAGGGCCAGGTGCTTCTGTTCTGAAACAGCACTATAGCAGGGACAAC  
 CTGGTGGACGCATACTCTGTGGACCAGGGCAGTCTGGATCAGTTCTGAGAGCCAGACCTTGGCTGGGGC  
 AGATGGCCAGACTCAGCCACGTGAACCTCCTGCCTCACTTCCCTGTGGAGGAAGTTTCTTCTTTGAAACC  
 TGGAGTCTGTGCTTAAAAACAAACAAGCCCAGATCATCGTTAGGTGTTTCAAGGATGAACACTCCTGG  
 TCTGTACAGTTGAGAATTGGGCCTATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR209683 representing NM_153559</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAAARAVARDPGAYARQPPSLRAARLPRLFLAVVAAVGPREGGARLYREGSDAVWLLDSGSVRSATG<br/> NSSAAWLVQFHSSWCGHCIGYAPTWRALAADVDRDWAIRVAALDCAEEKNQDVCRTYDIHFYPTFRYFK<br/> AFTKEFTTGENFKGPDRELRTVRQTMIDFLQNHTEGTWPPACPLDPIQSSDILSFMDSHSGQYHAIVFE<br/> SNGSYVGREVILDLIPYENIMVSRALDTDAFLGTLGITSVPSCYLIYPNGSHGLVNVAKPLRSFFSSHL<br/> KSLPDVVRKKSFLPEKSNKEEKSEVVVWKEFDRAKLYTADLESGLHYLLRVELAAHRSLAGAQLKTRDF<br/> VTVVAKLFPGRPAVKKLETLQEWLANLPLDKIPYNAILDLVNNKMQISGIFLTSHVKWVGCQGSRLRLR<br/> GYPCSLWKLFTLTVQASTHPEALAGTGFEGHPQAVLQAIRRYIRTFFGCKEKGHEFEEMAKESMDSVKT<br/> PDQAVLWLRKHNMVNSRLAGHLSDEPKFKVPWPPTDLCPCHEEIKGLDSWNEGQVLLFLKQHYSRDN<br/> LVDAYSDQGSPGSVLRARPWLQMARLSHVNLLPHFPVEEVSSLKPGVLCCLKTNKPRSSLGVSKDEHSW<br/> SVSLRIGPI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ACCN:</b>             | NM_153559                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ORF Size:</b>         | 1917 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F785                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Stability:</b>        | 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.                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq:</b>           | <u>NM_153559.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>      | 2449 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>       | 1920 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>         | 227638                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>       | <u>Q3TMX7</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>     | 2 A3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MW:</b>               | 71.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |