

## Product datasheet for **RC215121A1V**

### Human Quiescin Q6 (QSOX1) (NM\_002826) AAV Particle

#### Product data:

|                           |                                                    |
|---------------------------|----------------------------------------------------|
| Product Type:             | AAV Particles                                      |
| Product Name:             | Human Quiescin Q6 (QSOX1) (NM_002826) AAV Particle |
| Tag:                      | Myc-DDK                                            |
| Symbol:                   | QSOX1                                              |
| Synonyms:                 | Q6; QSCN6                                          |
| Mammalian Cell Selection: | None                                               |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                         |



[View online »](#)

ORF Nucleotide Sequence:

```
>RC215121 representing NM_002826
Red=Cloning site Blue=ORF Green=Tags(s)
```

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAGGAGGTGCAACAGCGGCTCCGGGCCCGCGCGCTGCTGCTGCTGCTGCTGCTGGCTGCTCGCG  
TTCCCGCGCTAACCGGCCCGCGGTGCGCGCTCTATTCGCTTCCGACCCGCTGACGCTGCTGCAGG  
GGACACGGTGCGCGCGCGGTGCTGGGCTCCCGACGCGCTGGGCCGTGGAGTTCTTCGCTCCTGGTGC  
GGCCACTGCATCGCTTCGCCCGACGTGGAAGGCCCTGGCCGAAGACGTCAAAGCCTGGAGGCCGCC  
TGTATCTCGCCGCCCTGGACTGTGCTGAGGAGACCAACAGTGCAGTCTGCAGAGACTTCAACATCCCTGG  
CTTCCCGACTGTGAGGTTCTTCAAGGCCCTTACCAAGAACGGCTCGGGAGCAGTATTTCCAGTGGCTGG  
GCTGACGTGCAGACGCTGCGGGAGAGGCTCATTAGCGCCCTGGAGTCCCATCATGACACGTGGCCCCAG  
CCTGTCCCCACTGGAGCCTGCCAAGCTGGAGGAGATTGATGGATTCTTTGCGAGAAATAACGAAGAGTA  
CCTGGCTCTGATCTTTGAAAAGGGAGGCTCCTACCTGGGTAGAGAGGTGGCTCTGGACCTGTCCCAGCAC  
AAAGGCGTGGCGGTGCGCAGGGTGTGAACACAGAGGCCAATGTGGTGAGAAAGTTTGGTGTACCGACT  
TCCCCTCTTGCTACCTGCTGTTCCGGAATGGCTCTGCTCCCCGAGTCCCCGTGCTCATGGAATCCAGGT  
CTTCTATACCGTTACCTGCAGAGACTCTCTGGGCTCACCAGGGAGGCTGCCAGACCACAGTTGCACCA  
ACCACTGCTAACAAAGTAGCTCCCACTGTTTGAAATTTGGCAGATCGCTCCAAGATCTACATGGCTGACC  
TGGAATCTGCATGCATACATCTGCTCGGATAGAAGTGGCAGGTTCCCGTCTCTGGAAGGGCAGCGCT  
GGTGGCCCTGAAAAGTTTGTCGCACTGCTGCCAAGTATTTCCCTGGCCGGCCCTATGTCAGAATTCT  
CTGCATCCGTGAATGAATGGCTCAAGAGGCAGAGAAGAAATAAAATCCCTACAGTTTCTTTAAAATG  
CCCTGGACGACAGGAAAGAGGGTGCCGTTCTTGCCAAGAAGGTGAACTGGATTGGCTGCCAGGGGAGTGA  
GCCGCATTTCCGGGGCTTTCCCTGCTCCCTGTGGGTCTCTTCCACTTCTTGACTGTGCAGGCAGCTCG  
CAAAATGTAGACCACTCACAGGAAGCAGCCAAGGCCAAGGAGTCTCCAGCCATCCGAGGCTACGTGC  
ACTACTTCTTCGGCTGCCGAGACTGCGCTAGCCACTTCGAGCAGATGGCTGCTGCCTCCATGCACCGGT  
GGGGAGTCCCAACGCCGCTGTCTCTGGCTCTGGTCTAGCCACAACAGGGTCAATGCTGCCTTGCAGGT  
GCCCCAGCGAGGACCCCCAGTTCCCCAAGGTGCAGTGGCCACCCCGTGAACCTTTGTTCTGCCTGCCACA  
ATGAACGCTGGATGTGCCGTGTGGGACGTGGAAGCCACCCTCAACTTCTCAAGGCCCACTTCTCCCC  
AAGCAACATCATCTGGACTTCCCTGCAGCTGGGTGAGTGTCCCGAGGGATGTGAGAATGTGGCAGCC  
GCCCCAGAGCTGGCGATGGGAGCCCTGGAGCTGGAAGGCCGAATTCAACTCTGGACCCTGGGAAGCCTG  
AGATGATGAAGTCCCCACAAACACCACCCACATGTGCCGGCTGAGGGACCTGAGGCAAGTCGACCCCC  
GAAGCTGCACCTTGGCTCAGAGCTGCACCAGGCCAGGAGCCTCCTGAGCATATGGCAGAGCTTCAGAGG  
AATGAGCAGGAGCAGCGCTTGGGAGTGGCACTTGAGCAAGCGAGACACAGGGGCTGATTGCTGGCTG  
AGTCCAGGGCTGAGAAGAACCGCTCTGGGGCCCTTTGGAGGTGAGGCGGTGGGCCGAGCTCCAAGCA  
GCTGGTGCATCCCTGAGGGCCAGCTGGAGGCCGAGCTGGACGGGGCCGAGGCCAGTGGCTGCAGGTG  
CTGGGAGGGGGCTTCTCTTACCTGGACATCAGCCTCTGTGTGGGCTCTATTCCCTGTCTTCATGGGCC  
TGCTGGCCATGTACACCTACTTCCAGGCCAAGATAAGGGCCCTGAAGGGCCATGCTGGCCACCCTGCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC215121 representing NM_002826</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MRRCSGSGPPPSLLLLLLWLLAVPGANAAPRSALYSPSDPLTLLQADTVRGAVLGSRSAWAVEFFASWC<br/> GHCIAFAPTWKALAEDVKAWRPALYLAALDCAEETNSAVCRDFNIPGFPTVRFFKAFTKNGSGAVFPVAG<br/> ADVQTLRERLIDALESHHDTWPPACPPLEPAKLEEIDGFFARNNEEYLALIFEKGGSYLGREVALDLSQH<br/> KGVAVRRVLNTEANVVRKFGVTDFPSCYLLFRNGSVSRVPVLMESRSFYTAYLQRLSGLTREAAQTTVAP<br/> TTANKIAPTVMKLABRSKIYMADESALHYILRIEVRFPVLEGGQRLVALKKFVAVLAKYFPGRPVQNF<br/> LHSVNEWLKRQKRNIPIYSFFKTALDDRKEGAVLAKKVNWIGCQGSEPHFRGFP CSLWVLFHFLT VQAAAR<br/> QNVDHSQEAAKAKEVLP AIRGYVHYFFGCRDCASHFEQMAAASMRVGPNAAVLWLWSSHN RVNARLAG<br/> APSED PQFPK VQWPPRELCSACHNERLDVPVWDVEATL NFKAHFSPSNI ILDFPAAGSAARRDVQNVA<br/> APELAMGALEESRNSTLDPGKPEMMKSPTNTTPHVP AEGPEASRPKLHPGLRAAPGQEPPEHMAELQR<br/> NEQEQLPGQWHL SKRDTGAALLAESRAEKNRLWGPLEVRRVGRSSKQLVDIPEGQLEARAGRGRGQWLQV<br/> LGGGFSYLDISLCVGLYSL SFMGLLAMTYTFQAKIRALKGHAGHPAA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ACCN:             | NM_002826                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ORF Size:         | 2241 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Buffer:           | PBS with 0.001% Pluronic F7323                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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_002826.4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RefSeq Size:      | 3316 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RefSeq ORF:       | 2244 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Locus ID:         | 5768                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UniProt ID:       | <u>O00391</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:     | 1q25.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MW:               | 82.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |