

Product datasheet for **RN200253**

Qsox1 (NM_001109898) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Qsox1 (NM_001109898) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Qsox1
Synonyms:	Qscn6; Qsox; rSOx; Sox-2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN200253 representing NM_001109898
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGAGGTGCGGCCGCACTCGGGCCGCGTCTGCTGCTACTTCTGCTGCTCCCGCCGCTGC
 TGCTCTCGGTGCCCGCGCTTACGCGGCCGCGCTCTCGGTGCTCTACTCGTCTCTGATCCACTGACGCT
 GCTGGATGCGGACACCGTGCGCCGCGTGTGCTGGATCCAGTAGCGCCTGGGCGGTGGAGTTCTCGCC
 TCCTGGTGTGGCCATTGCATCGCCTTCGCTCCGACGTGGAAGGAGCTTGTAACGACGTGAAAGACTGGA
 GGCCAGCACTAAATCTTGTCTGCTGGACTGTGCTGATGAGACCAATAGTGTCTGTCAGAGAGTTCAA
 CATCGCCGGTCCCACTGTGAGGTTTTTAAGGCCTTTTCCAAGAACGGTACTGGAACAGCATTGCCA
 GCCGCTGGTGCTAATGTGCAGACGCTGCGTATGAGGCTCATCGATGCTCTGGAGTCCCACCGTGACACGT
 GGCCCCAGCATGTCCACCCTGGAGCCTGCCAAGCTGAAGGATATCAATGAATCTTTACAAGAAGTAA
 AGCAGAGTACCTGGCCCTGATCTTTGAAAGGGAAGACTCCTATCTGGGTAGAGAGGTAACCTGGACCTG
 TCCAGATCCATGCTGTGGCAGTGCGCAGGGTCTTGAATTCAGAGAGCGACGTGGTGGAGCAAGTTTCTG
 TCACTGACTTTCCATCTTGTACCTGCTGCTTCGGAATGGTTCTGTTTCCCGAGTGCCTGTGCTGGTAGA
 GTCCAGGCCTTTCTATACATCCTACCTGCGGGGCTCCCTGGACTGACCAGGGAGGCTCCCCAACCACA
 GCTGCACCAGTCACTCCTGATAAGATAGCACCCACAGTGTGGAAGTTTGCAGACCCTCCAAGATCTACA
 TGGCTGACCTGGAGTCTGCACTACACTACATCTTGCCTGTAGAAGTGGGAAAGTTCTCAGTTCTGGAGGG
 ACAGCGCTTGGTGGCCCTGAAAAAGTTTGTGGCAGTATTGGCCAAGTACTTCCCTGGCCAGCCTCTGGTC
 CAGAATCTTGCATTCCATAAACGATTGGCTTCAGAAGCAGCAGAAAAAGAAGATTCCCTATAGTTACT
 TCAAAGCCGCTCTGGACAGCAGGAAGGAGAACGCTGCTTGTGAGAAGGTGAAGTGGATTGGTTGCCA
 GGGCAGTGAGCCACATTTCCGGGATTCCCTGCTCCCTGTGGTCTTCCACTTCTGACTGTGCAG
 GCACACCGATACAGTGAAGCCCAACCAAGAACCAGCTGACGGCCAGGAGGTCCTGCAAGCCATGCGAA
 GCTATGTGCAGTCTTCTCGGCTGCCGAGACTGTGCAACCATTTTGGAGCAGTGGCTGCAGCATCCAT
 GCACCAAGTAAAAAGTCCAGTAATGCCGTTCTCTGGCTCTGGACGAGTCAACACAGGGTCAACGCTCGC
 CTCTCGGGTGTCTGAGCGAGGACCCCAATCCCAAGGTGAGTGGCCACCCCGTGGAGCTGTGTTCTG
 CCTGTCAATGAAGTCAACGGACAAGTGCCTTTGTGGGACCTCGGTGCCACCCTCAACTTTCTCAAGGC
 TCACTTCTCCCGAGAAACATCGTCAGAGACCCTCCTGCACCTGGACCAGCATCCCGAGGGGCACCCAG
 GATCCAGAAGCTTCCCCAACCTGGTAATGGATACATTAAGTGGAGACCGGGAATTCAGTGTGGGCC
 ATGAGCAGGCTGCTTCTGCAGCATCCCCGGGAGCCACTGCCCTAGATGTACCAGCTGGGAAGCCTGAAGC
 AAGTGGTCCCCAGGAACAAACGCAGGCCTCAGTATGGGTGGAGCGTCACCAGGGCAGGGCCCTCCTGAG
 CACACGGAAGAGCTTCTGAGGGATGTGCAGGAGAATGCCAGGGGCAGCAACTTGAGCAAGAGAGACA
 CTGAAGCCTTATTGCTGCCTGAGGTGAACACCTCCAAGGCCCTTAGCGCCAGGCGAGGGCCACAG
 CCCCAGCAGCTAGCCAGTATACTCGAAGGAGAGCCAGAGGCCCTAGCTATACAGGGCCGACGCCAGTGG
 CTCCAGGTTCTGGGAGGAGGAGTTTCTTCCCTGGACATTAGCCTCTGTGTGGGCTCTACTCTGTGTCCT
 TCATGGGCTTGTGGCCATGTATACCTACTTCCGGGCCAGGATGAGAACCCCAAGGGCCATGTTAGTTA
 CCCCACAGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109898
Insert Size: 2253 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001109898.1</u> , <u>NP_001103368.1</u>
RefSeq Size:	3290 bp
RefSeq ORF:	2253 bp
Locus ID:	84491
UniProt ID:	<u>Q6IUU3</u>
Cytogenetics:	13q21
Gene Summary:	FAD-dependent sulfhydryl oxidase [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (A). Sequence Note: This RefSeq record was created from transcript sequences of multiple strains because transcript sequence from a single strain that was consistent with the reference genome assembly was not available for all regions of the RefSeq transcript.