

Product datasheet for **SC127220**

Quiescin Q6 (QSOX1) (NM_002826) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Quiescin Q6 (QSOX1) (NM_002826) Human Untagged Clone
Tag:	Tag Free
Symbol:	Quiescin Q6
Synonyms:	Q6; QSCN6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC127220 sequence for NM_002826 edited (data generated by NextGen Sequencing)

```
ATGAGGAGGTGCAACAGCGGCTCCGGGCCGCCCGCTCGCTGCTGCTGCTGCTGTTGG
CTGCTCGCGGTTCCCGCGCTAACGCGGCCCGCGGTCCGGCGCTCTATTCGCCTCCGAC
CCGCTGACGCTGCTGCAGGCGGACACGGTGCGCGGCGCGGTGCTGGGCTCCCGCAGCGCC
TGGGCCGTGGAGTTCTTCGCCTCTGGTCCGCCACTGCATCGCCTTCGCCCCGACGTGG
AAGGCCCTGGCCGAAGACGTCAAAGCCTGGAGGCCGCCCTGTATCTCGCCGCCCTGGAC
TGTGCTGAGGAGACCAACAGTGCAGTCTGCAGAGACTTCAACATCCCTGGCTTCCCGACT
GTGAGTTCTTCAAGGCCTTTACCAAGAACGGCTCGGGAGCAGTATTTCCAGTGGCTGGT
GCTGACGTGCAGACGCTGCGGGAGAGGCTCATTGACGCCCTGGAGTCCCATCATGACACG
TGGCCCCCAGCCTGTCCCCACTGGAGCCTGCCAAGCTGGAGGAGATTGATGGATTCTTT
GCGAGAAATAACGAAGAGTACCTGGCTCTGATCTTTGAAAAGGGAGGCTCCTACCTGGGT
AGAGAGGTGGCTCTGGACCTGTCCAGCACAAAGCGTGGCGGTGCGCAGGGTGTGAAC
ACAGAGGCCAATGTGGTGAAGAAAGTTGGTGTACCGACTTCCCCTTTGCTACCTGCTG
TTCCGGAATGGCTCTGTCTCCCGAGTCCCGTGTCTCATGGAATCCAGGTCCTTCTATACC
GCTTACCTGCAGAGACTCTCTGGGCTCACCAGGGAGGCTGCCAGACCACAGTTGACCA
ACCACTGCTAACAAGATAGCTCCCACTGTTTGGAAATTGGCAGATCGCTCCAAGATCTAC
ATGGCTGACCTGGAATCTGCACTGCACTACATCTGCGGATAGAAGTGGGCAGGTTCCCG
GTCCTGGAAGGGCAGCGCCTGGTGGCCCTGAAAAAGTTTGTGGCAGTGTGGCCAAGTAT
TTCCCTGGCCGGCCCTTAGTCCAGAACTTCTGCACTCCGTGAATGAATGGCTCAAGAGG
CAGAAGAGAAATAAAATCCCTACAGTTTCTTTAAACTGCCCTGGACGACAGGAAAGAG
GGTGCCGTTCTTGCCAAAGGTGAAGTGGATTGGCTGCCAGGGGAGTGAGCCGCATTTCC
CGGGCTTTCCCTGCTCCCTGTGGTCTCTTCCACTTCTTGACTGTGCAGGCAGTCCGG
CAAAATGTAGACCACTCACAGGAAGCAGCCAAGGCCAAGGAGGTCCTCCAGCCATCCGA
GGCTACGTGCACTACTTCTTCGGCTGCCGAGACTGCGCTAGCCACTTCGAGCAGATGGCT
GCTGCCTCCATGCACCGGTGGGGAGTCCCAACGCCGCTGTCCTCTGGCTCTGGTCTAGC
CACAAACAGGGTCAATGCTCGCTTGCAGGTGCCCCAGCGAGGACCCCAAGTTCCCAAG
GTGCAGTGGCCACCCCGTGAACCTTGTCTGCCTGCCACAATGAACGCCTGGATGTGCC
GTGTGGGACGTGGAAGCCACCCTCAACTTCTCAAGGCCCACTTCTCCCAAGCAACATC
ATCCTGGACTTCCCTGCAGCTGGGTGAGCTGCCCGGAGGGATGTGCAGAATGTGGCAGCC
GCCCCAGAGCTGGCGATGGGAGCCCTGGAGCTGGAAGCCGGAATCAACTCTGGACCCT
GGGAAGCCTGAGATGATGAAGTCCCCACAACACCACCCACATGTGCCGGCTGAGGGA
CCTGAGGCAAGTCGACCCCGAAGCTGCACCCTGGCCTCAGAGCTGCACCAGGCCAGGAG
CCTCCTGAGCACATGGCAGAGCTTCAAGGAATGAGCAGGAGCAGCCGCTTGGGCAGTGG
CACTTGAGCAAGCGAGACACAGGGGCTGCATTGCTGGCTGAGTCCAGGGCTGAGAAGAAC
CGCCTCTGGGGCCCTTTGGAGGTGAGGCGGTGGGCCGAGCTCCAAGCAGCTGGTTCGAC
ATCCCTGAGGGCCAGCTGGAGGCCCGAGCTGGACGGGGCCGAGGCCAGTGGCTGCAGGTG
CTGGGAGGGGGCTTCTTACCTGGACATCAGCCTCTGTGTGGGGCTCTATTCCTGTCC
TTCATGGGCTGTGGCCATGTACACCTACTTCCAGGCCAAGATAAGGGCCCTGAAGGGC
CATGCTGGCCACCCTGCAGCCTGA
```

Clone variation with respect to NM_002826.4
246 g=>c;435 a=>g

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_002826 unedited AAAAACACGATTCACTATAGGGCGGCCGCAATTCGGCACGAGGGTGGTGGTGAGCGCA GCGCCGAGGATGAGGAGGTGCAACAGCGGCTCCGGGCCGCCCGCTCGTGTCTGTGCTG CTGCTGTGGTGTCTCGCGTTCCCGGCGCTAACCGGCCCGCGGTGGCGCTCTATTCC CCTTCCGACCCGCTGACGCTGCTGCAGGCGGACACGGTGCAGCGCGCGGTGCTGGGCTCC CGCAGCGCTGGCCGTGGAGTTCTTCGCCTCCTGGTGCAGGCACTGCATCGCCTTCGCC CCGACTGGAAGCCCTGGCCGAAGACGTCAAAGCCTGGAGCCGCCCTGTATCTCGCC GCCTGGACTGTGCTGAGGAGACCAACAGTGCAGTCTGCAGAGACTTCAACATCCCTGGC TCCCCGACTGTGAGGTTCTCAAGGCCTTACCAAGAACGGCTCGGGAGCAGATTTCCA GTGGTGGTGTGACGTGCAGACGCTGCGGGAGAGGCTCATTGACGCCCTGGAGTCCCAT CATGACACGTGGCCCCAGCCTGTCCCCACTGGAGCCTGCCAAGCTGGAGGAGATTGAT GGATTCTTTCGAGAAATAACGAAGAGTACCTGGCTCTGATCTTTGAAAAGGGAGGCTCC TACCTGNGTAGAGAGGTGGCTCTGGACCTGTCCAGCACAAAGGCGTGGCGGTGCGCAGG NTGCTGAACACAGAGGCCAATGTGGTGAGAAAAGTTGGTGTACCAGACTTCCCCTTTGC TACCTGTGTNTCCGAATGGCTCTGTCTCCGAGTCCCGTGTCTATGGAATCENNAGTCC TTCTATACCGCTACCTGCAGAGACTCTCTGGGCTACCAGGGAGGCTGCCAGACACAGTT GCACCACACTGCTNACAGATACTCCACTGTTTGAAATGGCAGATC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_002826 unedited GTCCGCGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGCCTTAACAAAAAAT TTATTCCACACACCTCCCAGGCAGGGGTAGCGTGGGAATCAAGCATGTGTAAGGCACTG CCCCCGCCAGACCCTTAACTTCTGCACACTGGAAGGTGAAACCTGGAGAGAGAAGACA CTCCTCCCTAGCTTCTACCTGGCACCTCCAAAGATGAGCATTATCTTGGAGACCAA AATAAAAAAGGACAAAAGACCAGGCTCAGAGGGAGCAGAGCTCAATGGGGGAAAGTGAAA GCAGCCATCTTCTCCTGCAGTAAGCCAGGGCAAGGCACTAGAGACCCACATCCTTCCCA TGCCACCAACTCGTCAGGTCCCACCAAGCAAGCACTCACCTACAGCCAGCAACCATG GCTTGCCTCACCTGGGAGACCAGCAGACTTCCAGAAGCTTCAAACCCACCCTGAAGC CAAACCCACCCAGGAGGTCTGAGGAGCTGGAGGCTGGCCAGGCATAGAGGGCCCGGGT GGCCCTTCTCCAGGGTGCAAAGGCTTCTTATTGTCCGGAAGGGAGCAGGTGGGCGG AGCCCCAGCAGCTAGTGAGGAGTCCATTCCAGCCACCAGCTGGGGGACCCTCCTCTG GCTTCACTTGCCCCAGNTGAGGGCCAAGACCAAGCAGGAGAGACTGAGGCTTCAGTGAGA ATGAGGCAGGACTTCAAATAAGCTGAAAAACAGGAATGTGGTGTAGAAAGCCAGGGAA CTGACCTGGCCTATTGCCACTGCCCGGGGCTGCCCTCCCTGCACAGNAGGGGAACCTGGG ACCTGCTCCTGGTCTTTGGGCAAAGGGAGCTTCTGTCTACCACCCCAAAGGCTTACTGG AGCACTGGTTTCTGATCCCCACCTTTAGCCACACAGACCAAGGTGGGAGTAGGAATGG TGCCAGGCCCTTTCACACCACAACACCACATTC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_002826
Insert Size:	3600 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:	NM_002826.4 , NP_002817.2
RefSeq Size:	3316 bp
RefSeq ORF:	2244 bp
Locus ID:	5768
UniProt ID:	O00391
Cytogenetics:	1q25.2
Domains:	thioered, Evr1_Alr
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Gene Summary:	<p>This gene encodes a protein that contains domains of thioredoxin and ERV1, members of two long-standing gene families. The gene expression is induced as fibroblasts begin to exit the proliferative cycle and enter quiescence, suggesting that this gene plays an important role in growth regulation. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a). Sequence Note: The 3' UTR of this gene may extend about 2 kbp further to another polyA site.</p>