

Product datasheet for SC117301

SPOCK1 (NM_004598) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPOCK1 (NM_004598) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPOCK1
Synonyms:	SPOCK; TESTICAN; TIC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117301 sequence for NM_004598 edited (data generated by NextGen Sequencing)

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ATGCCGGCGATCGCGGTGTTGGCGGCGGCCCGCGGCGTGGTGCTTCTCCAAGTCGAG
AGCCGGCACCTGGACGCGCTCGCCGGAGCGCGGGCCCCAACACGGCAATTCCTAGAC
AATGACCAAGTGGCTGAGCACCGTCTCCAGTACGACCGGACAAGTACTGGAACCGCTTT
CGAGACGATGATTATTTAGAACTGGAATCCCAACAAGCCCTTTGACCAAGCCCTGGAC
CCATCCAAGGACCCCTGCCTGAAGGTAATAATGCAGCCCTCACAAAGTGTGTGACCCAG
GACTACCAGACCGCCCTGTGTGCAGCCGCAAGCACCTGCTCCCCAGGCAAAAAGAAGGGG
AACGTGGCCAGAAACACTGGGTGGACCTTCAATTTGGTCAAGTGCAAGCCCTGTCCC
GTGGCACAGTCAGCCATGGTCTGCGGCTCAGATGGCCACTCTACACATCCAAGTGCAAA
TTGGAGTCCATGCTTGTCTACTGGCAAAAGCCTCGCCACCCTCTGTGATGGGCCCTGT
CCCTGTCTCCCAGAGCCTGAGCCACCAAGCACAAAGGCAGAAAGGAGTGCCTGCACAGAC
AAGGAGTTGCGGAACCTTGCCTCCCGGCTGAAGGATTGGTTTGGAGCTCTCCACGAGGAT
GCGAACAGAGTCATCAAGCCCACAGCTCCAACACAGCCCAAGGCAGGTTTGACACTAGC
ATCCTGCCCATCTGCAAGGACTCCCTGGGCTGGATGTTCAACAAGTTGGACATGAACTAT
GACCTCTGCTTGACCCTTCAGAGATCAATGCCATCTACCTGGATAAGTACGAGCCCTGT
ATCAAGCTCTTTCAACTCGTGTGACTCCTTCAAGGATGGCAAGCTTTTCAACAATGAG
CAGAAGCTGAGTAAGGGGAAAAGCCTGTTGGGGGCTTCATACCTCGGTGTAATGAGGAG
GGCTATTACAAAGCCACACAGTGCCACGCGCAGCACGGGGCAGTGTGTTGTGGACAAA
TATGGGAATGAGTTGGCTGGCTCCAGGAAACAGGGTGTGTGAGCTGTGAAGAGGAGCAG
GAAACCTCAGGGGATTTTGGCAGTGGTGGTCCGTGGTCTGCTGGATGACCTAGAATAT
GAACGGGAGCTGGGACCAAGGACAAAGAGGGGAAGCTGAGGGTGCACACCCGAGCCGTG
ACAGAGGATGATGAGGATGAGGATGATGACAAAGAGGATGAGGTGGGTACATATGGTAG

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Clone variation with respect to NM_004598.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004598 unedited</p> <pre>GTGCACATTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGGCTCACAAA GCGGCCAGACGCTCGGGCGGGCGTGTGGCAGGAGCGCAGGGGCGGAGCCGGCGATCAG CCTTCCC GGCGACCGTGCCGGGGAGCTCGAGCAACTCGGACTAGGGGACCCGGGGCCGC CCCCAAGATGCCGGCGATCGCGGTGTTGGCGGGCGGCCCGGGCGTGGTCTTCTCCA AGTCGAGAGCCGGCACCTGGACGCGCTCGCCGGAGGCGGGGCCCAACCACGGCAATTT CCTAGACAATGACCAGTGGCTGAGCACCTCTCCAGTACGACCCGGGACAAGTACTGGAA CCGCTTTTCGAGACGATGATTATTTTCAGAAACTGGAATCCCAACAAGCCCTTTGACCAAGC CCTGGACCATCCAAGGACCCCTGCCTGAAGTAAAATGCAGCCCTCACAAAGTGTGTGT GACCCAGGACTACCAGACCGCCCTGTGTGTGAGCCGAAGCACCTGCTCCCCAGGCAAAA GAAGGGGAACGTGGCCAGAAACACTGGGTTGGACCTTGAATTTGGTCAAGTCAAGCC CTGTCCC GTGGCAGTCAAGCATGGTCTGCGGCTCAGATGGCCACTCTACACATTCCA AGTGCAATTGGAGTTCATGCTTGTCTACTGGCCAAAGCCTCGCCACCCTCTGGGATGG GCCCTGTCCCTGTCTTCCAGAGCCTGAGCCCCCAAGCACAGGCAGGAAGGAGTGCCTGC ACAGACACAGAGGTGCGGAACCTTGCCTTCCGGCTGAGGATTGGTTTGGAGCTCTCCCGG AGATGCGAACAGAGTCTTAAGCCACCAGTTCACACAGCCCAAGAAGTTTGGCCCTACCT CGCCCTT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004598 unedited</p> <pre>NTTTTTGCTCTGGACCGGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGA GACAAAGTAAATTTTATTGAGACAGACAGAAATGCACCTACTCAGGACTACAGTTAAGCA TTTACTATTAACCAAAGAGTTGTGTTTACATTCCAGATAAGTCTACGTGAAAAAGCATT AGAATTTACTAGTTTTTGTACATCACTATTTTCACTACAATAGGGACAACAACTGAC ACTCAGGATTTGATGGGCTCTCATTACAATGCTATACATTTAACAGGAACAACATCAGT GACTTTGAGAAAAAGTTATAAAAAGACCAAAACCCCACTGTAGAATGGGCTCTTGGAT GTTACTGTACAGCGTGGTCAAGGTAACAAGAAGAAAAAATGTGAGTGGCATCCTGGGAT GAGCAGGGGGACAGACCTGGACAGACAGTGTGTCATTTGCTGCTGTTGGTAGGAAAATGG GCGTAAAGGAGGAGAAACAGATACAAAATCTCCAACCTCAGTATTAAGGATTTCTCATGCC TAGAATATTGGTAGAAAACAAGAATACATTCATATGGCAAATAACTAACCATGGTGAACA AAATCTGGGATTTAAGTTGGATACCAAGGAAATGTATTAAGAGCTGTTTCAATGGAAT AAGAATAAAACTGTTTCAATAAGAACTTTTCAAAGTGAATTAGTGAGGATTCAGCTTAAT ACCTGTATCAAATGAGGAAGTGGTTTATTACAATTTTTTATAATCAGNATTTTATGTGT ACCTTGGTCACTATACAAGTGAATCTTGTCACTGGTACAAGTGGACTTTTTGGNAGACT ATTTTCCAGAAGAAGAAAAGCAACATTCTACTTCTAAGGATAAGGNACTCATTACATCCT TAGTACTCATGAAAAGTATAAAGATCTTTAAAAATCCATGCTGTCTGTCAAGG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_004598
Insert Size:	5480 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_004598.2, NP_004589.1</u>
RefSeq Size:	4804 bp
RefSeq ORF:	1320 bp
Locus ID:	6695
UniProt ID:	<u>Q08629</u>
Cytogenetics:	5q31.2
Domains:	thyroglobulin_1, kazal
Protein Families:	Secreted Protein
Gene Summary:	This gene encodes the protein core of a seminal plasma proteoglycan containing chondroitin- and heparan-sulfate chains. The protein's function is unknown, although similarity to thyropin-type cysteine protease-inhibitors suggests its function may be related to protease inhibition. [provided by RefSeq, Jul 2008]