

Product datasheet for **SC319603**

SPOCK2 (NM_014767) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPOCK2 (NM_014767) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPOCK2
Synonyms:	testican-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_014767.1
 CAGGGACATTTCCGGATTCTGGATTTCTTGGTCTGCAACTCCCTGTGTGCCAGGCGGGG
 TGGGCCCCGCTGCGGCTGGCTGGCGTTTGGCGCTCTCATCGAGGGAGCGCTTCGCTTTGA
 AATCTACCCACTCCTTTTTTTTTTTTTAAACCAGGTATGATGATGTCAAACGTGATGCTG
 ATGCTACAGTTACAGCCCTGCTGGCGCAGCCTCTCTGATTCTCTCTCCCTCTCCGCGTC
 CAGTGTGGGCTTTTTTCAGACAAGTGCATCTCCTAACCAGGTACATTTTCAGCCGCGACC
 CACTCTCCGCGAGTCACCGGAGGCAGACCGCGGAGGAGAGCTGAGGACAGCCCGTGGC
 CTTCCGCCAGCAGCGGGTGGGAGGAAGGACATTAATACTGCAGAAGTCAAGACCCCC
 AGGTGCAACCCAGACCAGATGCGCGCCCCAGGCTGCGGGCGGCTGGTGTGCCGCTGCT
 GCTCTGGCCGCGCAGCCCTGGCCGAAGGCGACGCCAAGGGGCTCAAGGAGGGCGAGAC
 CCCCAGCAATTTTCATGGAGGACGAGCAATGGTGTGTCGTCATCTCGCAGTACAGCGGCA
 GATCAAGCACTGGAACCGCTTCCGAGACGAAGTGGAGGATGACTATCAAGAGCTGGGA
 GGACAATCAGCAAGGAGATGAAGCCCTGGATACCACCAAGGACCCCTGCCAGAAGGTGAA
 GTGCAGCCGCCACAAGGTGTGCATTGCCAGGGCTACCAGCGGGCATGTGCATCAGTCG
 CAAGAAGCTGGAGCACAGGATCAAGCAGCCGACCGTAAACTCCATGGAACAAGACTC
 CATCTGCAAGCCCTGCCACATGGCCAGCTTGCCTCTGTCTGCGGCTCAGATGGCCACAC
 TTACAGCTCTGTGTGTAAGCTGGAGCAACAGGCGTGCCTGAGCAGCAAGCAGCTGGCGGT
 GCGATGCGAGGGCCCTGCCCTGCCCCACGGAGCAGGCTGCCACCTCCACCGCCGATGG
 CAAACCAGAGACTTGCACCGGTCAAGGACTGGCTGACCTGGGAGATCGGCTGCGGGACTG
 GTTCCAGCTCCTTCATGAGAAGTCCAAGCAGAATGGCTCAGCCAGCAGTGTAGCCGGCCC
 GGCCAGCGGGCTGGACAAGAGCCTGGGGCCAGCTGCAAGGACTCCATTGGCTGGATGTT
 CTCCAAGCTGGACACAGTGTGACCTTCTCCTGGACCAGACGGAGCTGGCCGCCATCAA
 CTTGGACAAGTACGAGGTCTGCATCCGTCCTTCTTCAACTCTGTGACACCTACAAGGA
 TGGCCGGGTCTCTACTGCTGAGTGGTGTCTGCTTCTGGAGGGAGAAGCCCCCTGCCT
 GGCAGAGCTGGAGCGCATCCAGATCCAGGAGGCCCAAGAAGAAGCCAGGCATTTTCAT
 CCCGAGCTGCGACGAGGATGGCTACTACCGGAAGATGCAGTGTGACCAGAGCAGCGGTGA
 CTGCTGGTGTGTGGACCAGCTGGCCCTGGAGCTGACTGGCACGCGCACGCATGGGAGCCC
 CGACTGCGATGACATCGTGGGCTTCTCGGGGACTTTGGAAGCGGTGTGCGCTGGGAGGA
 TGAGGAGGAGAAGGAGACGGAGGAAGCAGGCGAGGAGGCCGAGGAGGAGGAGGGCGAGGC
 AGGCGAGGCTGACGACGGGGCTACATCTGGTAGACGCCCTCAGGAGCCGGCTGCCGGGG
 GGGACTCAACAGCAGAGCTCTGAGCAGCAGCAGGCAACTTCGAGAACGGATCCAGAAATG
 CAGTCAGAAGGACCCCTGCTCCACCTGGGGGACTGGGAGTGTGAGTGTGCATGGCATGTG
 TGTGGCACAGATGGCTGGGACGGGTGACGGTGTGAGTGCATGTGTGCATGCATGTGTGTA
 TGTGTGTGTGTGTGGCATGCGCTGACAAATGTGTCTTGTATCCACTGCTCCTGGCA
 GAGTGAGTCACCCAAAGGCCCTTCGGCCTCCTTGTAGCTGTTTTCTTTCTTTTGTGTG
 TGGTTTTAAAATACATTCACACAAAATACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: Please inquire

ACCN: NM_014767

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_014767.1</u> , <u>NP_055582.1</u>
RefSeq Size:	5316 bp
RefSeq ORF:	1275 bp
Locus ID:	9806
UniProt ID:	<u>Q92563</u>
Cytogenetics:	10q22.1
Domains:	thyroglobulin_1, kazal
Protein Families:	Secreted Protein
Gene Summary:	<p>This gene encodes a protein which binds with glycosaminoglycans to form part of the extracellular matrix. The protein contains thyroglobulin type-1, follistatin-like, and calcium-binding domains, and has glycosaminoglycan attachment sites in the acidic C-terminal region. Three alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (2) represents the longer transcript and encodes the longer protein (isoform 2). Variants 2 and 3 encode the same protein.</p>