

## Product datasheet for **SC332108**

### SPOCK2 (NM\_001244950) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SPOCK2 (NM\_001244950) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** SPOCK2  
**Synonyms:** testican-2  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332108 representing NM\_001244950.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCGCGCCCCGGGCTGCGGGCGGCTGGTGTCTGCCGCTGCTGCTCCTGGCCGCGGCAGCCCTGGCCGAA
GGCAGCGCAAGGGGCTCAAGGAGGGCGAGACCCCGCAATTTTCATGGAGGACGAGCAATGGCTGTCTG
TCCATCTCGCAGTACAGCGGCAAGATCAAGCACTGGAACCGCTTCCGAGACGAAGTGGAGGATGACTAT
ATCAAGAGCTGGGAGGACAATCAGCAAGGAGATGAAGCCCTGGATACCACCAAGGACCCCTGCCAGAAG
GTGAAGTGCAGCCGCCACAAGGTGTGCATTGCCAGGGCTACCAGCGGGCCATGTGCATCAGTCGCAAG
AAGCTGGAGCACAGGATCAAGCAGCCGACCGTGAAACTCCATGGAAACAAGACTCCATCTGCAAGCCC
TGCCACATGGCCAGCTTGCCTCTGTCTGCGGCTCAGATGGCCACACTTACAGCTCTGTGTGAAGCTG
GAGCAACAGGCGTGCCTGAGCAGCAAGCAGCTGGCGGTGCGATGCGAGGGCCCTGCCCTGCCCCACG
GAGCAGGCTGCCACCTCCACCGCGATGGCAAACCAGAGACTTGACCCGGTCAGGACCTGGCTGACCTG
GGAGATCGGCTGCGGGACTGGTTCCAGCTCCTTCATGAGAACTCCAAGCAGAATGGCTCAGCCAGCAGT
GTAGCCGGCCCGCCAGCGGGCTGGACAAGAGCCTGGGGCCAGCTGCAAGGACTCCATTGGCTGGATG
TTCTCAAAGCTGGACACCAGTGTGACCTTCTCCTGGACCAGACGGAGCTGGCCGCCATCAACTGGAC
AAGTACGAGTCTGCATCCGTCCTTCTCAACTCCTGTGACACTACAAGGATGGCCGGTCTCTACT
GCTGAGTGGTGTCTGCTTCTGGAGGGAGAAGCCCCCTGCCTGGCAGAGCTGGAGCGCATCCAGATC
CAGGAGGCCGCCAAGAAGAAGCCAGGCATTTTCATCCCGAGCTGCGACGAGGATGGCTACTACCGGAAG
ATGCAGTGTGACCAGAGCAGCGGTGACTGCTGGTGTGTGGACCAGCTGGCCCTGGAGCTGACTGGCACG
CGCACGCATGGGAGCCCCGACTGCGATGACATCGTGGGCTTCTCGGGGACTTTGGAAGCGGTGTGCGG
TGGGAGGATGAGGAGGAGAAGGAGACGGAGGAAGCAGGCGAGGAGGCCGAGGAGGAGGGCGAGGCA
GGCGAGGCTGACGACGGGGCTACATCTGGTAG
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001244950  
**Insert Size:** 1275 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001244950.1</a>
<b>RefSeq Size:</b>	5463 bp
<b>RefSeq ORF:</b>	1275 bp
<b>Locus ID:</b>	9806
<b>UniProt ID:</b>	<a href="#">Q92563</a>
<b>Cytogenetics:</b>	10q22.1
<b>Protein Families:</b>	Secreted Protein
<b>MW:</b>	46.8 kDa
<b>Gene Summary:</b>	<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 (3) has a different 5' UTR, compared to variant 2. Variants 2 and 3 encode the same protein (isoform 2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>