

Product datasheet for **SC324461**

SPOCK3 (NM_001040159) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPOCK3 (NM_001040159) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPOCK3
Synonyms:	HSAJ1454; TES-3; TICN3
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_001040159.1
 GAGACGGCGCGCGTGCAGCAGCTCCAGAAAGCAGCGAGTTGGCAGAGCAGGGCTGCATT
 TCCAGCAGGAGCTGCGAGCACAGTGTGGCTCACAAAGATGCTCAAGGTGTCAGCCGT
 ACTGTGTGTGTGCAGCCGCTTGGTGCAGTCACTCTCGCAGCTGCCGCGCGGTGGC
 TGCAGCCGGGGGCGGTCCGACGGCGTAATTTCTGGATGATAAAACAATGGCTCACCAC
 AATCTCCAGTATGACAAGGAAGTCCGACAGTGGAAACAAATCCGAGACGATGATTATTT
 CCGCACTTGGAGTCCAGGAAAACCCCTTCGATCAGGCTTTAGATCCAGCTAAGATCCATG
 CTTAAAGATGAAATGTAGTCGCCATAAAGTATGCATTGCTCAAGATTCTCAGACTGCAGT
 CTGCATTAGTCACCGGAGGCTTACACACAGGATGAAAGAAGCAGGAGTAGACCATAGGCA
 GTGGAGGGGTCCCATATTATCCACCTGCAAGCAGTGCCAGTGGTCTATCCAGCCCTGT
 TTGTGGTTCAGATGGTCATACCTACTCTTTTCAGTGCAAAGTACAATATCAGGCATGTGT
 CTTAGGAAAACAGATCTCAGTCAAATGTGAAGGACATTGCCCATGTCCTTCAGATAAGCC
 CACCAGTACAAGCAGAAATGTTAAGAGAGCATGCAGTGACCTGGAGTTCAGGGAAGTGGC
 AAACAGATTGCGGACTGGTTCAGGCCCTTCATGAAAGTGGAAATCAAAACAAGAAGAC
 AAAACATTGCTGAGGCCTGAGAGAAGCAGATTCGATACCAGCATCTTGCCAATTTGCAA
 GGACTCATTGGCTGGATGTTTAAACAGACTTGATACAAACTATGACCTGCATTGGACCA
 GTCAGAGCTCAGAAGCATTACCTTGATAAGAATGAACAGTGTACCAAGGCATTCTTCAA
 TTCTTGTGACACATACAAGGACAGTTTAAATATCTAATAATGAGTGGTACTGCTTCCA
 GAGACAGCAAGACCCACCTTGCCAGACTGAGCTCAGCAATATTCAGAAGCGGCAAGGGGT
 AAAGAAGCTCCTAGGACAGTATATCCCCCTGTGTGATGAAGATGGTACTACAAGCCAAC
 ACAATGTCATGGCAGTGTGGACAGTGTGGTGTGTTGACAGATATGAAATGAAGTCAT
 GGGATCCAGAATAAATGGTGTTCAGATTGTGCTATAGATTTTGAGATCTCCGGAGATTT
 TGCTAGTGGCGATTTTCATGAATGGACTGATGATGAGGATGATGAAGACGATATTTAA
 TGATGAAGATGAAATGAAGATGATGATGAAGATGAAGGGGATGATGATGATGGTGGTGA
 TGACCATGATGTATACATTTGATTGATGACAGTTGAAATCAATAAATTCTACATTTCTAA
 TATTTACAAAATGATAGCCTATTTAAAATTATCTTCTCCCAATAACAAAATGATTCT
 AAACCTCACATATATTTGTATAATTTTAAAAATTGCAGCTAAAGTTATAGAACTTT
 ATGTTTAAATAAGAATCATTTGCTTTGAGTTTTATATTCCTTACACAAAAGAAAATAC
 ATATGCAGTCTAGTCAGACAAAATAAAGTTTTGAAGTGTACTATAATAAATTTTTCACG
 AGAACAACTTTGTAATCTTCCATAAGCAAAATGACAGCTAGTGCTTGGGATCGTACAT
 GTTAATTTTTGAAAGATAATTCTAAGTGAATTTAAAATAAATAAATTTTAAATGACCT
 GGGTCTTAAGGATTTAGGAAAAATATGCATGCTTAAATTGCATTTCCAAAGTAGCATCTT
 GCTAGACCTAGATGAGTCAGGATAACAGAGAGATACCACATGGCAAGAAAAACAAAGTGA
 CAATTGTAGAGTCCTCAATTGTGTTTACATTAATAGTGGTGTGTTTACCTATGAAATTAT
 TCTGGATCAACAGGACATTTTACAAAATGGCAAGTATGGAAAACCATGGATTCTGAAAG
 TTAATAATTTAGTTGTTCTCCCAATGTGATTTTAAATTTGGATGGCAGTCTCATGCAGA
 TTTTTTAAAGATTCTTAAACATGATTTGTTGCCTTTCTAGATTTCTTTATCTTTC
 TGACCAGCAACTTAGGGAGCAGAATTTAAATTAGGAAGACAAAGGAAAGATCCATTTAA
 ACCATATTTTTACAAAGTTTGTCAATTTGCCCAAGATCAAAATTTAAATCTTAAATTTTC
 ATTTTATTTCCATTTTAGGTAAGTTTGCATTTAATCTTAGAATTATGTTATTTTTGT
 TAGTAGTGTGAAACTTAGAGAACTTATTGTATGGTGCCTTGCAAAAATAGAGATAGAAA
 GATTTTAGCATGCATACCAATATAGTATATTACGCAATATATAAGCACACCTAATTAACA
 GATTAATATCAGTAAAGGTATTGCTGCTGGAAATGAAGAAAATGGGATACGTTTCTTTCTT
 TTTTCTATTGTTACATAATTGCCATGTGGACTTGTGTTATGATTATTGTGTAGAGTAGCA
 TTTAAGATTTAACTGTAGCAAAAATTACTTTAACCGCTGATTTAAGTTAGCATGTTAAT
 TAATTGTGTAGACATTTTGGCACACCATCACTTTAACTATATCATACCAATGGTTTTGT
 GCCATAATAAAAATGGAAAACCTGTTGAATGTTACGTATTGGTATCTTTAATTTCAAC
 AGTGGGTAAGTGGTTTCCAGTATACAATTCATTGAAAGCAAAATTTGATTAATTTTTC
 CATTTAATTTATACACTCAATACAAAATTTAATGTTGACTTTACGTAATAAAGTATAA
 TG

Restriction Sites:

Please inquire

ACCN:	NM_001040159
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_001040159.1</u> , <u>NP_001035249.1</u>
RefSeq Size:	2980 bp
RefSeq ORF:	1302 bp
Locus ID:	50859
UniProt ID:	<u>Q9BQ16</u>
Cytogenetics:	4q32.3
Protein Families:	Secreted Protein, Transmembrane
Gene Summary:	<p>This gene encodes a member of a novel family of calcium-binding proteoglycan proteins that contain thyroglobulin type-1 and Kazal-like domains. The encoded protein and may play a role in adult T-cell leukemia by inhibiting the activity of membrane-type matrix metalloproteinases. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (1) lacks an alternate in-frame exon compared to variant 2. The resulting isoform (1) has the same N- and C-termini but is shorter compared to isoform 2.</p>