

Product datasheet for **SC313459**

SPOCK3 (NM_016950) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPOCK3 (NM_016950) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPOCK3
Synonyms:	HSAJ1454; TES-3; TICN3
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016950, the custom clone sequence may differ by one or more nucleotides ATGCTCAAGGTGTCAGCCGACTGTGTGTGTGTGCAGCCGCTTGGTGCAGTCAGTCTCTC GCAGCTGCCGCGGCGGTGGCTGCAGCCGGGGGCGGTCGGACGGCGGTAATTTCTGGAT GATAACAATGGCTCACCACAATCTCTCAGTATGACAAGGAAGTCGGACAGTGAACAAA TTCCGAGACGAAGTAGAGGATGATTATTTCCGCACTTGGAGTCCAGGAAAACCTTCGAT CAGGCTTTAGATCCAGCTAAGGATCCATGCTTAAAGATGAAATGTAGTCGCCATAAAGTA TGCATTGCTCAAGATTCTCAGACTGCAGTCTGCATTAGTCACCGAGGCTTACACACAGG ATGAAAGAAGCAGGAGTAGACCATAGGCAGTGGAGGGTCCCATTATCCACCTGCAAG CAGTGCCAGTGGTCTATCCAGCCCTGTTTGTGGTTCAGATGGTCATACCTACTCTTTT CAGTGCAAATAAGATATCAGGCATGTGTCTTAGGAAAACAGATCTCAGTCAAATGTGAA GGCATTGCCCATGTCCTTCAGATAAGCCCACCAAGTACAAGCAGAAATGTTAAGAGAGCA TGCAGTGACCTGGAGTTCAGGGAAGTGGCAAACAGATTGCGGGACTGGTTCAAGGCCCTT CATGAAAGTGGAAAGTCAAAACAAGAAGACAAAAACATTGCTGAGGCCTGAGAGAAGCAGA TTCGATACCAGCATCTTGCCAATTTGCAAGGACTCACTTGGCTGGATGTTAACAGACTT GATACAACTATGACCTGCTATTGGACCAGTCAGAGCTCAGAAGCATTACCTTGATAAG AATGAACAGTGTACCAAGGCATTCTTCAATTCTGTGACACATACAAGGACAGTTAATA TCTAATAATGAGTGGTGTCTACTGCTTCCAGAGACAGCAAGACCCACCTTGCCAGACTGAG CTCAGCAATATTCAGAAGCGCAAGGGTAAAGAAGCTCCTAGGACAGTATATCCCCTG TGTGATGAAGATGGTTACTACAAGCCAACAATGTCATGGCAGTGTGGACAGTGTG TGTGTTGACAGATATGGAATGAAGTCATGGGATCCAGAATAAATGGTGTGCAGATTGT GCTATAGATTTTGGATCTCCGGAGATTTTGTAGTGGCGATTTTCATGAATGGACTGAT GATGAGGATGATGAAGACGATATTATGAATGATGAAGTGAATTTGAAGATGATGATGAA GATGAAGGGGATGATGATGATGGTGGTGTGATGACCATGATGTATACATT
Restriction Sites:	Please inquire
ACCN:	NM_016950



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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_016950.1</u> , <u>NP_058646.1</u>
RefSeq Size:	2168 bp
RefSeq ORF:	1311 bp
Locus ID:	50859
UniProt ID:	<u>Q9BQ16</u>
Cytogenetics:	4q32.3
Domains:	thyroglobulin_1, kazal
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 (2) encodes the longest isoform (2).</p>