

Product datasheet for **SC331567**

SPOCK3 (NM_001204356) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SPOCK3 (NM_001204356) Human Untagged Clone
Tag: Tag Free
Symbol: SPOCK3
Synonyms: HSAJ1454; TES-3; TICN3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331567 representing NM_001204356.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCTCAAGGTGTCAGCCGACTGTGTGTGTGTGCAGCCGCTTGGTGCAGTCAGTCTCTCGCAGCTGCC
GCGGCGGTGGCTGCAGCCGGGGGCGGTGCGACGGCGGTAATTTTCTGGATGATAAACAATGGCTCACC
ACAATCTCTCAGTATGACAAGGAAGTCGGACAGTGAACAATCCGAGACGATGATTATTTCCGCACT
TGGAGTCCAGGAAAACCTTCGATCAGGCTTTAGATCCAGCTAAGGATCCATGCTAAAGATGAAATGT
AGTCGCCATAAAGTATGCATTGCTCAAGATTCTCAGACTGCAGTCTGCATTAGTCACCGGAGGCTTACA
CACAGGATGAAAGAAGCAGGAGTAGACCATAGGCAGTGGAGGGTCCCATTATCCACCTGCAAGCAG
TGCCAGTGGTCTATCCAGCCCTGTTTGTGGTTCAGATGGTCATACCTACTCTTTTCAGTGCAAACCTA
GAATATCAGGCATGTGTCTTAGGAAAACAGATCTCAGTCAAATGTGAAGGACATTGCCCATGTCTTCA
GATAAGCCACCAGTACAAGCAGAAATGTTAAGAGAGGATTTCGATACCAGCATCTTGCCAAATTTGCAAG
GACTCACTTGGCTGGATGTTAACAGACTTGATACAACTATGACCTGCTATTGGACCAGTCAGAGCTC
AGAAGCATTTACCTTGATAAGAATGAACAGTGTACCAAGGCATCTTCAATTCTTGTGACACATAACAAG
GACAGTTAATATCTAATAATGAGTGGTGTACTGCTCCAGAGACAGCAAGACCCACCTTGCCAGACT
GAGCTCAGCAATATTCAGAAGCGCAAGGGTAAAGAAGCTCCTAGGACAGTATATCCCCCTGTGTGAT
GAAGATGGTTACTACAAGCCAACAATGTCATGGCAGTGTGGACAGTGTGGTGTGTTGACAGATAT
GGAAATGAAGTCATGGGATCCAGAATAAATGGTGTGCAGATTGTGCTATAGATTTTGAGATCTCCGGA
GATTTTGCTAGTGGCGATTTTCATGAATGGACTGATGATGAGGATGATGAAGACGATATTATGAATGAT
GAAGATGAAATGAAGATGATGATGAAGATGAAGGGGATGATGATGATGGTGGTGTGACCATGATGTA
TACATTGA
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001204356
Insert Size: 1182 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).



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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_001204356.1</u>
RefSeq Size:	2860 bp
RefSeq ORF:	1182 bp
Locus ID:	50859
UniProt ID:	<u>Q9BQ16</u>
Cytogenetics:	4q32.3
Protein Families:	Secreted Protein, Transmembrane
MW:	44.3 kDa
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 (7) lacks two alternate in-frame exons compared to variant 2. The resulting isoform (7) has the same N- and C-termini but is shorter compared to isoform 2.</p> <p>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>