

Product datasheet for **SC331563**

SPOCK3 (NM_001204352) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SPOCK3 (NM_001204352) Human Untagged Clone
Tag: Tag Free
Symbol: SPOCK3
Synonyms: HSAJ1454; TES-3; TICN3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331563 representing NM_001204352.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGATCACACAAGATCACATCCACATGTCTTCTGGGCTCAGTCAGGATGATTATTTCCGCACTTGGAGT
CCAGGAAAACCCCTTCGATCAGGCTTTAGATCCAGCTAAGGATCCATGCTTAAAGATGAAATGTAGTCGC
CATAAAGTATGCATTGCTCAAGATTCTCAGACTGCAGTCTGCATTAGTCACCGGAGGCTTACACACAGG
ATGAAAGAAGCAGGAGTAGACCATAGGCAGTGGAGGGTCCCATTATCCACCTGCAAGCAGTGCCCA
GTGGTCTATCCCAGCCCTGTTTGTGGTTCAGATGGTCATACCTACTCTTTTCAGTGCAAAGTACAATAT
CAGGCATGTGTCTTAGGAAAACAGATCTCAGTCAAATGTGAAGGACATTGCCATGTCCTCAGATAAG
CCCACCAGTACAAGCAGAAATGTTAAGAGAGCATGCAGTGACCTGGAGTTCAGGGAAGTGCCAAACAGA
TTGCGGGACTGGTTC AAGGCCCTTCATGAAAGTGGAAAGTCAAAACAAGAAGACAAAAACATTGCTGAGG
CCTGAGAGAAGCAGATTGATACCGACATCTTGCCAAATTTGCAAGGACTCACTTGGCTGGATGTTTAAAC
AGACTTGATACAAACTATGACCTGCTATTGGACCAGTCAGAGCTCAGAAGCATTACCTTGATAAGAAT
GAACAGTGTACCAAGGCATTCTTCAATTCTGTGACACATACAAGGACAGTTAATATCTAATAATGAG
TGGTGCTACTGCTCCAGAGACAGCAAGACCCACCTTGCCAGACTGAGCTCAGCAATATTCAGAAGCGG
CAAGGGGTAAGAAGCTCCTAGGACAGTATATCCCCTGTGTGATGAAGATGGTTACTACAAGCCAACA
CAATGTCATGGCAGTGTGGACAGTGTGGTGTGTTGACAGATATGAAAATGAAGTCATGGGATCCAGA
ATAAATGGTGTTCAGATTGTGCTATAGATTTTGAGATCTCCGGAGATTTGCTAGTGGCGATTTTCAT
GAATGGACTGATGATGAGGATGATGAAGACGATATTATGAATGATGAAGATGAAATTGAAGATGATGAT
GAAGATGAAGGGGATGATGATGATGGTGGTGTGACCATGATGTATACATTGA
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Restriction Sites: SgfI-MluI
ACCN: NM_001204352
Insert Size: 1158 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_001204352.1</u>
RefSeq Size:	3061 bp
RefSeq ORF:	1158 bp
Locus ID:	50859
UniProt ID:	<u>Q9BQ16</u>
Cytogenetics:	4q32.3
Protein Families:	Secreted Protein, Transmembrane
MW:	44.1 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 (3) lacks an exon, includes an alternate exon in the 5' coding region, and uses an alternate start codon, compared to variant 2. The encoded isoform (3) is shorter and has a distinct N-terminus, compared to 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>