

Product datasheet for **SC331566**

SPOCK3 (NM_001204355) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SPOCK3 (NM_001204355) Human Untagged Clone
Tag: Tag Free
Symbol: SPOCK3
Synonyms: HSAJ1454; TES-3; TICN3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331566 representing NM_001204355.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGATAAACAATGGCTCACCACAATCTCTCAGTATGACAAGGAAGTCGGACAGTGGAAACAAATCCGAG
ACGATGAAAGAAGCAGGAGTAGACCATAGGCAGTGGAGGGTCCCATATTATCCACCTGCAAGCAGTGC
CCAGTGGTCTATCCAGCCCTGTTTGTGGTTCAGATGGTCATACCTACTCTTTTCAGTGCAAACCTAGAA
TATCAGGCATGTGTCTTAGGAAAACAGATCTCAGTCAAATGTGAAGGACATTGCCATGTCCTTCAGAT
AAGCCCACAGTACAAGCAGAAATGTTAAGAGAGCATGCAGTGACCTGGAGTTCAGGGAAGTGGCAAAC
AGATTGCGGGACTGGTTCAAGGCCCTTCATGAAAGTGGAAAGTCAAACAAGAAGACAAAAACATTGCTG
AGGCCTGAGAGAAGCAGATTCGATACCAGCATCTTGCCAATTTGCAAGGACTCACTTGGCTGGATGTTT
AACAGACTTGATACAAACTATGACCTGCTATTGGACCAGTCAGAGCTCAGAAGCATTACCTTGATAAG
AATGAACAGTGTACCAAGGCATTCTTCAATTCTTGTGACACATACAAGGACAGTTAATATCTAATAAT
GAGTGGTGCTACTGCTTCCAGAGACAGCAAGACCCACCTTGCCAGACTGAGCTCAGCAATATTCAGAAG
CGGCAAGGGGTAAGAAGCTCCTAGGACAGTATATCCCTGTGTGATGAAGATGGTTACTACAAGCCA
ACACAATGTCATGGCAGTGTGGACAGTGTGGTGTGTTGACAGATATGGAAATGAAGTCATGGGATCC
AGAATAAATGGTGTTCAGATTTGCTATAGATTTTGAGATCTCCGGAGATTTTGCTAGTGGCGATTTT
CATGAATGGACTGATGATGAGGATGATGAAGACGATATTATGAATGATGAAGATGAAATGAAGATGAT
GATGAAGATGAAGGGGATGATGATGATGGTGGTGGTATGACCATGATGTATACATTGA
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001204355
Insert Size: 1023 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).
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).



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Reconstitution Method:

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: [NM_001204355.1](#)

RefSeq Size: 2819 bp

RefSeq ORF: 1023 bp

Locus ID: 50859

UniProt ID: [Q9BQ16](#)

Cytogenetics: 4q32.3

Protein Families: Secreted Protein, Transmembrane

MW: 38.7 kDa

Gene Summary: 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]

Transcript Variant: This variant (6) lacks three consecutive coding exons and uses an alternate start codon, compared to variant 2. The encoded isoform (6) 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.