

Product datasheet for **SC322043**

SPINDOC (NM_138471) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPINDOC (NM_138471) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPINDOC
Synonyms:	C11orf84; SPIN-DOC
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 SC322043
 GCGCCGGATTGAGCCCTCCCGCCCGGGCTCCCGACGCGCCGAGGTCTCGGGGAGGCCCC
 GACGCGCCGGTTCGAGGCCCGCGCGGAGCGCGGGCGGGCGGGGAGGGGGCTGCG
 CGGGGCGGGCGGGCGGCCCGGCGCTATTCCGGCCAGGAGCGGGAGGCGGTTGCCGGCTG
 CGCGCCGAAGCCTGCGCGCCAGTCTCCGGCCACTGCTATCGCCACGGCCGACCATGG
 CCCTAAAGGCCGAGGGCGCCGACTCGACTGCTTCGAGGTGACGCTGAAATGCGAGGAAG
 GGGAGGACGAGGAGGAGCCATGGTGGTGGCCGTAATTCGCGGGCCCGAGCCGATGCTCA
 GAGTGACCCAACAGGAGAAGACCCACCGCTAGACCCAGCCCGCTAGAGGCAGGCAGTG
 ATGGCTGTGAGGAGCCGAAGCAGCAGGTGTCTTGGGAGCAGGAGTTCTGGTGGGAGCA
 GCGGAGGAGCAGCGGGCGGGCACTGTGCATGGTGTGGCGCTGAGATCCGGGACCCCT
 CGGCCGACACAGCTCGCTCGCACATCTTGGAGCAGCACCTCACACCTTGACCTGAGCC
 CTTCTGAGAAGAGCAATATCCTGGAGGCCTGGAGTGAAGGGTGGCCCTCTTGAAGACG
 TGAGAGCTGAGCAGCCGTCCCAACCACTCAGACTCGGGCCAGGATGCCACCCAGACC
 CAGACGCCAACCCAGACGCTGCCAGAATGCCAGCCGAAATCGTCGTTCTCCTTGACTCTG
 AGGATAACCCATCCCTCCCTAAAGGAGCAGGCCAGGGGACTCCGCCCCCTCGAGCTTC
 CTGCTGTCCCTGCCACAGAGCCAGGAAATAAGAACCCCGTGGTACAGATGGAAGGAAC
 CCCCAGGGGAAGAGCCAGTCAGAAAGAAAAGAGGCAGACCTATGACCAAAAACCTGGACC
 CTGACCCAGAGCCCCATCGCCAGACTCGCCACGGAGACTTTCGAGCACCAGCCGAGG
 TCCGACACTTCACTGACGGCAGCTTCCCGCCGGCTTCGTCTTGACGCTTCTCCACACA
 CCCAGCTCAGGGGCCCAGACAGCAAGGACTCACCCAAAGACAGGGAAGTGGCAGAAGGAG
 GCCTTCCCGGGCGGAGAGCCCCCTCCAGCTCCCCCTCCGGGGCTCCGCGGGACACTGG
 ATCTCCAGGTTATCCGCGTGCAGATGGAGGAGCCCCAGCGGTACGCTCCTGCAAGACT
 GGTCCAGGCACCCCAAGGCACCAAGCGTGTGGGAGCAGGTGACACCTCAGACTGGCCCA
 CAGTTCTGTGAGATCCAGCACCAGTGTGGCAGGGAAGCCGAAAAAGGAATGGAGTGT
 AAATTCTTGCTTTCTGGGAGGGAGGGAGGGATGAGGCAGCGTCCCCCAGTGGCTTATA
 ACTCAGAGCTGCCTGGCTCACCCACCTGGTGGAGAGAGTAGAAACAGGTGCCAGGGCAGG
 AGGGGGCTGGGGCAGCATCCACTGTTATTTGGGGCACTGGAAAGTGTCTGTTCTGGCC
 AGGCTGAGGTCGGCGAGGGTGGCTGAGGCTGTTGTGAGTGGGCACTGGGCTGTGGA
 GAACACCTACCCAGTCTTCGCTGACCCCACTCTGTTGTCCCCATGACCTCCTCC
 CACCCTCCCCCTGCTCCCCACCATCTCCCTTGGCACAGTGCCTACACAAGAGTGGTCA
 TAAGGGGGTTTGAAGTGAAGTCCCACTACCTCGGGGGACACCTCTCCTCCCACTTGTTC
 GGTCTTAAACCAGGAGGCTCCATTACCTCTTCTGTCCCAACCCTGCAGAGGCCTGAA
 GCTGGGCTGGGCACCCATTCACTCCCGTTCTCATTTACATCTGTTTTCTGTTGTATA
 TATCACCTTTGTTGACAATAAATTATTTTTTTTATTAAGAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_138471

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:	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_138471.1, NP_612480.1</u>
RefSeq Size:	2004 bp
RefSeq ORF:	1146 bp
Locus ID:	144097
UniProt ID:	<u>Q9BUA3</u>
Cytogenetics:	11q13.1
Gene Summary:	Negatively regulates the transcriptional activator activity of SPIN1 via inhibition of its histone methyl-binding ability. Represses the expression of a number of SPIN1-regulated genes and the SPIN1-mediated activation of the Wnt signaling pathway. Can also inhibit the histone methyl-binding abilities of SPIN2A, SPIN2B, SPIN3 and SPIN4 (PubMed:29061846). [UniProtKB/Swiss-Prot Function]