

Product datasheet for **MC206306**

Smoc2 (BC019527) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Smoc2
Synonyms:	1700056C05Rik; 5430426J21Rik; Smoc2l
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>BC019527
 AGAGCGCACGGAGGGCGCTGCGGTCTCCACCAGCGGCCATAGGACCGCGGAGCAGTTCTAGCCCGCTCG
 CCCGCACGTTCCGCACACCGGATCTTCGCCGAGTGCCAGGGCGCAGCGGTGGGGCGTCTGCCTCGTTGG
 TCCCCTCCAGCGTCACCATGCTGCCGCCACAGCTGTGCTGGCTGCCGCTGCTCGCTGCCTTGTGCCGCC
 GGTGCCCGCGCAGAAGTTCTCAGCGCTCACGTTCTTGAGAGTCGATCAAGACAAAGACAGAGACTGCAGC
 CTGGACTGCCCAAGCTCCCCTCAGAAGCCACTCTGTGCCTCGGACGGGAGGACCTTCTGTCCCGATGTG
 AGTTCCAGCGGGCCAAGTGCAAAGATCCACAGCTGGAGATCGCTCACCGTGGGAATTGCAAAGATGTGTC
 CAGGTGTGTGGCTGAGAGGAAGTATACCCAGGAGCAGGCCCGAAGGAGTTCCAGCAAGTGTTCATTCCA
 GAATGCAATGATGACGGCACCTACAGTCAGGTCCAGTGTACAGCTACACAGGATACTGTTGGTGTGTTA
 CACCAAATGGAAGACCCATCAGTGGCACTGCTGTGGCCACAAGACACCCAGGTGCCCGGTTCAATAAA
 TGAAAAGGTGCCGAGCGGGAAGGAGCAGGAAAGCAGATGATGCTGCAGCCCCAGCATTGGAGACTCAG
 CCCCAAGGAGATGAAGAAGATATTGCCTACGCTACCTACACTCTGGACCGAGCAAGTTAAGAGTCGGC
 AGAACAAGACCAATAAAAAATTCAGCATCCTCCTGTGATCAGGAGCATCAGTCAGCTCTTGAGGAAGCCAA
 GCAGCCCAAGAATGACAATGTAGTGATCCCGAGTGTGCACATGGTGGTCTCTACAAGCCAGTGCAATGC
 CATCCATCCACCGGATACTGCTGGTGTGTGCTAGTGGACACTGGACGGCCCATCCCGGGACCTCCACAA
 GGTATGAGCAACCTAAGTGTGACAACACAGCCCCGAGCTCACCCAGCGAAGGCCCGGGACCTGTACAAGAA
 CAGGCCACTGCAGGGTTGTCTGGTGCCAAAAAGCACGAGTTTCTGACAAGTGTCTGGATGCGCTCTCC
 ACAGACATGGTTTCATGCCGTCTCTGACCCCTCTTCCTCTTCTGGCAGGCTGTGAGAGCCAGACCCAGCC
 ACACCTTGAGGAGAGGGTTGTACATTGGTACTTCAAGCTGCTTGATAAGAACTCTAGTGGAGACATTGG
 CAAGAAGGAGATCAAAACCTTTAAGAGGTTCTTGCAGAAAGAAATCCAAGCCAAAAAGTGTGTGAAGAAG
 TTTGTGGAGTACTGCGACATGAACAATGACAAGTCCATCACCGTGAGGAGCTCATGGGCTGCTTGGGTG
 TCACCAGAGAGGAGGTAAAGCCAACACCAGGAAGCGCCACACCCCGAGAGAAATGCTGAAAGTTCTTC
 TTCCTATAGACAGCCAGGAAACAAGGATGAACGGCTGACTACTCAAGACAGTTCCTAGACATGTGGGAA
 TTTTCCTCACAAAGAGCAATTAACAAACAAAAACATATAGTATTTGCACTTTGTACTTTAAATGTAAA
 TTCCTTTGTAGAAATGAGATATTTAAACGGAGTGTGTGATCTGTGAAACCGAAGGCTGGCTTCGGGA
 AATTAATCACATACATGTATGTGCTCTTGTGACCTTCAAGATCTGTGCTGGTGGGTGGGTTTTAA
 TGCATTTCACTTCACTTCCTCGTCCCTCTGTGGAGGGCTGGTTTATTCCTTGCCCTTTCTCTGCCT
 GCAGTCTCCGTTGGCTTGTCTCCGTGCTCTTGATGCCAGCCAGAGCCACCGTATCCTTAGAAGCTTGCA
 GTGGTTGCCTGTTTCATAAAGTTTTGCTCTCTAGAGATGTCACTCACACCATGGGTCACACAGGCACTAG
 CTCAGGCATAGCCTTAACCTCCAGTAGCCCTGCTTGAGACTATGCTGTTAGGCTCCAGTTTGTCTTCT
 GCTTGAGCCAACTTACTGTTAAATCCCGGGGAGCTGAATGGACAAGCAGCCAGAGAGTCTCTTTAG
 AGAGCACATCTAATCTGGCCTGCCGACTCCATCTATTGGCCAGGAAGGATCCAGTCTACCTGCCTCA
 CTTCTGAGTGCCTGGGCATCCTGTAGGGTCCACTGGAAGGAAAAATGCCTTCTACAGAGATCATGGA
 CCACATCCTGAGGAAGGCACAGCTAGACTACATCGTCCCAAGAGTGTGAACAACAGGCAGCTGAGAATG
 TCAATTTCACTTTTGTGGAGGCATCGGGTTGAGGGAATTCACCAAGGCCACTATGGGATGAAGGTTATG
 AACTGGATGACCATACTGTGAGAGACTGAACTAGATTGGGTGTATGGCTGGCTGTCACTTTCTGACCTAG
 GTCAGTCTGTACTCTCTGTTCTCAAGGAACAGTGGCAGATGGGAGGAGAGCTGGGGCAATCTTTTTCAGAT
 TGTGGTTTATATGGGAATTTGTCATGGTCCCCAGCCTCTCAATGTATGTCTGTAGATGCATTGTGAACG
 CATGCTGCAGAAGGCCCTTGTCTCAATTTGAACTGTGTAGAGGCAAGAAGTACCGGCTCATGTCAATGCTG
 TCTACAAACGAGTATGATCCTAAGTGTGATAATCTTTTATATTTCTGAAGTCTGAATTTAATCATT
 TTATTAGATTAATAATATGCGATTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

RsrII-NotI

ACCN:

BC019527

Insert Size:

1344 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC019527 , AAH19527
RefSeq Size:	2776 bp
RefSeq ORF:	1344 bp
Locus ID:	64074
Cytogenetics:	17 8.95 cM
Gene Summary:	Can stimulate endothelial cell proliferation, migration, as well as angiogenesis (By similarity). Promotes matrix assembly and cell adhesiveness.[UniProtKB/Swiss-Prot Function]