

Product datasheet for **SC215265**

SMOC2 (NM_022138) Human 3' UTR Clone

Product data:

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|---------------------------|--|
| Product Type: | 3' UTR Clones |
| Product Name: | SMOC2 (NM_022138) Human 3' UTR Clone |
| Symbol: | SMOC2 |
| Synonyms: | bA37D8.1; bA270C4A.1; dj421D16.1; DTDP1; MST117; MSTP117; MSTP140; SMAP2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_022138 |
| Insert Size: | 1584 bp |



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Insert Sequence: >SC215265 3'UTR clone of NM_022138
 The sequence shown below is from the reference sequence of NM_022138. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTAATAGACAGCCAAGGAAACAAGGATAAATGGCTCATACCCCGAAGGCAGTTCCTAGACACATGGGA
AATTTCCCTCACAAAGAGCAATTAAGAAAACAAAAACAGAAACACATAGTATTTGCACTTTGTACTTT
AAATGTAAATCACTTTGTAGAAATGAGCTATTTAAACAGACTGTTTTAATCTGTGAAAAATGGAGAGCT
GGCTTCAGAAAATTAATCACATACAATGTATGTCTCTTTTGACCTTGGAAATCTGTATGTGGTGGA
GAAGTATTTGAATGCATTTAGGCTTAATTTCTTCGCTCCACATGTTAACAGTAGAGCTCTATGCACT
CCGGCTGCAATCGTATGGCTTTCTAACCCTGCAGTCACTCCAGATGCCTGTGCTTACAGCATTGT
GGAATCATGTTGGAAGCTCCACATGTCCATGGAAGTTTGTGATGTACGGCCGACCCTACAGGCAGTTAA
CATGCATGGGCTGTTTTGTTTCTGGGATTTTCTGTTAGTTTGTCTTGTGTTTCCAGAGATCTTG
CTCATACAATGAATCACGCAACCACTAAAGCTATCCAGTTAAGTGCAGGTAGTCCCTGGAGGAAATA
ATATTTTCAAAGTGCCTTGGTGTGATACTTTGGCTCAAAGGATCTTTGCTTTTCCATTTAAGCTTCT
GTTTTGAGTTTTGCCCTGGGGCTTGAATGAGTCCCAGAGAGTCGTTCCGATGGTGGGAGGCTGCCTAGG
AGGCAGTAAATCCAGTCACAGTGCCTGGGAGGGGCCATCCTTCCAAAATGTAATCCAGTCGCGGTGT
GACCGAGCTGGCTAACAGGCTTGTCTGCCTGGTTTTCTCCTACACGTGGACATTATTCTCTGATCCT
CCTACCTGGTCCACCCAGGGCTACCGGAAGGTAATCTTCACTGAACCAATTATGAGCAGTCTCCT
TACTGAAGGTACAGCCGGATACGTGGTCCCGGGGCTGGTGTGGCAGCCGGGGGAGGTGCCTGAG
GGTCCCCACGGTTCCTTTCTGCTTTTCTGAATGCATCAAGGGTACGAGAATGCCAATGGGAAATCA
TCCGAGTGGCACTGGCAGAGAAGGATAGGAGTGAATGCCACACAGTGACCAACAGAAGTGGTCTGCG
TGATAACAGCTGCCACCTCAGGCTGGGCCCCAGAGCTCAGGACCCAGTGTCTTAAGGAACCAT
TTGGAGGACAGTCTGAGAGCAGGAACCTCAAGCTGTGATTCTATCTCGGCTCAGACTTTTGGTTGAAAA
AAGATCTTCATGGCCCCAAATCCCCTGAGACATGCCTTGTAGAATGATTTTGTGATGTTGTGATGCTTG
TGGAGCATCGCGTAAGGCTTCTTGTATTTAAACTGTGCAAGGTAATAAATCAAGCCTTTGGAGCCACA
GAACCAGCTCAAGTACATGCCAATGTTGTTAAGAAACAGTTATGATCCTAAACTTTTTGGATAATCTT
TTATATTTCTGACCTTTGAATTTAATCATTGTTCTTAGATTAATAAATAATGCTATTGAAACTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_022138.3](#)

Summary:

This gene encodes a member of the SPARC family (secreted protein acidic and rich in cysteine/osteonectin/BM-40), which are highly expressed during embryogenesis and wound healing. The gene product is a matricellular protein which promotes matrix assembly and can stimulate endothelial cell proliferation and migration, as well as angiogenic activity. Associated with pulmonary function, this secretory gene product contains a Kazal domain, two thymoglobulin type-1 domains, and two EF-hand calcium-binding domains. The encoded protein may serve as a target for controlling angiogenesis in tumor growth and myocardial ischemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]

Locus ID:

64094

MW:

59.1