

## Product datasheet for **MR207121**

### Smoc2 (NM\_022315) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Smoc2 (NM_022315) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Smoc2
Synonyms:	1700056C05Rik; 5430426J21Rik; Smoc2l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR207121 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTGCCGCCACAGCTGTGCTGGCTGCCGCTGCTCGCTGCCTTGTGCTGCCGCCGGTGCCCGCGAGAAGT  
 TCTCAGCGCTCAGTTCTTGAGAGTCGATCAAGACAAAGACAGAGACTGCAGCCTGGACTGCCCAAGCTC  
 CCCTCAGAAGCCACTCTGTGCTCGGACGGGAGGACCTTCTGTCCCGATGTGAGTTCACGCGGGCCAAG  
 TGCAAAGATCCACAGCTGGAGATCGCTCACCGTGGGAATTGCAAAGATGTGTCCAGGTGTGTGGCTGAGA  
 GGAAGTATACCCAGGAGCAGGCCCGGAAGGAGTTCAGCAAGTGTTCATTCCAGAATGCAATGATGACGG  
 CACCTACAGTCAGGTCCAGTGTACAGCTACACAGGATACTGTTGGTGTGTACACCAAATGGAAGACCC  
 ATCAGTGGCACTGCTGTGGCCACAAGACACCCAGGTGCCCGGTTCAATAAATGAAAAGGTGCCGCAGC  
 GGAAGGAGCAGGAAAGCAGATGATGCTGCAGCCCCAGCATTGGAGACTCAGCCCCAAGGAGATGAAGA  
 AGATATTGCCTCACGCTACCCTACACTCGGACCGAGCAAGTTAAGAGTCGGCAGAACAAGACCAATAAA  
 AATTACAGCATCCTCTGTGATCAGGAGCATCAGTCAGCTCTTGAGGAAGCCAAGCAGCCCAAGAATGACA  
 ATGTAGTGATCCCGAGTGTGCACATGGTGGTCTCTACAAGCCAGTGCAATGCCATCCATCCACCGGATA  
 CTGCTGGTGTGTGCTAGTGGACTGGACGGCCATTCCCGGGACCTCCACAAGGTATGAGCAACCTAAG  
 TGTGACAAACAGCCGAGCTCACCCAGCGAAGGCCCGGGACCTGTACAAGAACAGGCCACTGCAGGGTT  
 GTCCTGGTGCCAAAAAGCACGAGTTTCTGACAAGTGTCTGGATGCGCTCTCCACAGACATGGTTTCATGC  
 CGTCTCTGACCCCTTCTCTCTTCTGGCAGGCTGTGAGCCAGACCCACACCCCTGGAGGAGAGG  
 GTTGTACATTGGTACTTCAAGCTGCTTGATAAGAACTCTAGTGGAGACATTGGCAAGAAGGAGATCAAAC  
 CCTTTAAGAGGTTCTCTGCGAAAGAAATCCAAGCCAAAAAGTGTGTGAAGAAGTTTGTGGAGTACTGCGA  
 CATGAACAATGACAAGTCCATCACCGTGCAGGAGCTCATGGGCTGCTTGGGTGTCACCGAGAGGAGGGGT  
 AAAGCCAAACACAGGAAGCGCCACACCCCGAGGAAATGCTGAAAGTCTTCTCTCTATAGACAGCCCA  
 GAAACAAGGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207121 protein sequence  
 Red=Cloning site Green=Tags(s)

MLPPQLCWLPLLAALLPPVPAQKFSAL TFLRVDQDKDRDCSLDCPSSPQKPLCASDGRFSLSRCEFQRAK  
 CKDPQLEIAHRGNCKDVSRCVAERKYTQEQRKEFQQVF IPECNDDGTYSVQVQCHSYTGYCWCVTPNGRP  
 ISGTAVAHKTPRCPGSINEKVPQREGAGKADDAAPALETQPQDEEDIA SRYPTLWTEQVKSQRQNTNK  
 NSASSCDQEHQSALEEAQPKNDNVV IPECAHGGLYKPVQCHPSTGYCWCVLVDTRPIPGTSTRYEQPK  
 CDNTARAHPAKARDLYKNRPLQGCPCGAKKHEFLTSVLDALSTDMVHAVSDPSSSSGRLSEPDPSHTLEER  
 VVHWYFKLLDKNSSGDI GKKEIKPFKFRFLRKKSKPKKCVKVFVEYCDMNNDKSITVQELMGCLGVTREEG  
 KANTRKRHTPRGNAESSSSYRQPRKQG

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

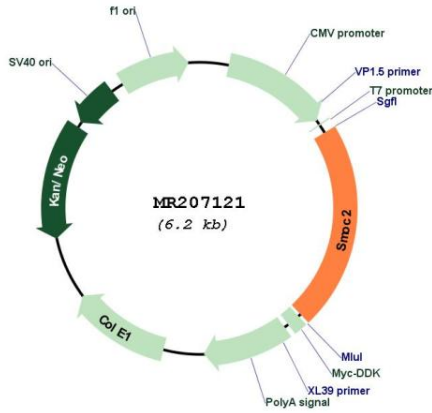
**Restriction Sites:**

Sgfl-MluI



**Cytogenetics:** 17 8.95 cM  
**MW:** 49.9 kDa  
**Gene Summary:** Can stimulate endothelial cell proliferation, migration, as well as angiogenesis (By similarity). Promotes matrix assembly and cell adhesiveness.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR207121