

## Product datasheet for MR226881

### Socs2 (NM\_001168657) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Socs2 (NM\_001168657) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Socs2  
**Synonyms:** 8030460M17; AI527257; AW108012; CIS2; Cish2; D130043N08Rik; hg; JAB; SOCS-2; SSI-2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR226881 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACCTGCGGTGCCTGGAGCCCTCCGGGAATGGAGCGGACAGGACGCGGAGCCAGTGGGGACCGCGG  
 GGTTGCCGGAGGAACAGTCCCCGAGGCGCGCTCTGGCGAAAGCCCTGCGCGAGCTCAGTCAAACAGG  
 ATGGTACTGGGAAGTATGACTGTTAATGAAGCCAAAGAGAAATAAAAGAGGCTCCAGAAGGAATTTT  
 TTGATTAGAGATAGTTTCGATTCAGACTACCTACTAATATATCCGTTAAGACGTCAGCTGGACCGACTA  
 ACCTGCGGATTGAGTACCAAGATGGGAAATTCAGATTGGATTCTATCATATGTGTCAAGTCCAAGCTTAA  
 ACAGTTTGACAGTGTGGTTCATCTGATTGACTACTATGTCCAGATGTGCAAGGATAAACGGACAGGCCCA  
 GAAGCCCCACGGAATGGGACTGTTACCTGTACCTGACCAAACCTCTGTATACATCAGCACCCACTCTGC  
 AGCATTCTGTCGACTCGCCATTAACAAATGTACCGGTACGATCTGGGGACTGCCTTTACCAACAAGACT  
 AAAAGATTACTTGAAGAATATAAATTCAGGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR226881 protein sequence  
 Red=Cloning site Green=Tags(s)

MTLRCLPSGNGADRTRSQWGTAGLPEEQSPEARLAKALRELSQTGWYWSMTVNEAKEKLKEAPEGTF  
 LIRDSSHSYLLTISVKTSAGPTNLRIEYQDGKFRDLSIICVKSKLKQFDSVVHLIDYVYVQMCKDKRTGP  
 EAPRNGTVHLYLTKPLYTSAPTLQHFCRLAINKCTGTIWGLPLPTRLKDYLEEYKFQV

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV



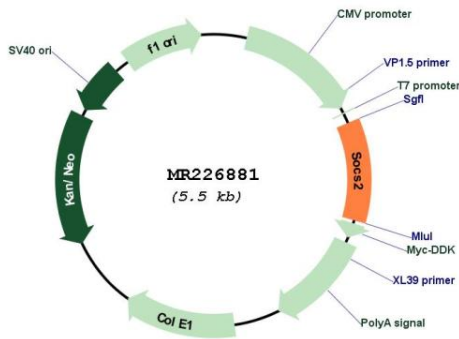


**Cytogenetics:** 10 49.35 cM

**MW:** 22.4 kDa

**Gene Summary:** SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS2 appears to be a negative regulator in the growth hormone/IGF1 signaling pathway. Probable substrate recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity). [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR226881