

Product datasheet for **MC217549**

Socs6 (NM_018821) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Socs6 (NM_018821) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Socs6
Synonyms:	1500012M23Rik; 5830401B18Rik; AI447482; Cis4; Cish4; HSPC060; SOCS-4; SOCS-6; Socs4; SSI4; STAI4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217549 representing NM_018821
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGAAAATCAGTCTGAAGACCTTCAGGAAATCTTTTAACTGAGTAAAAGCAAAGACGAAACTGAGT
 TCATGGTGGTTCAGCCCCAGTCCCTTGCTGGTACTTCGTGAAAGATGACTCTTTATTCCGGAGCTGTTA
 TGGCAAAGACATGGCCAGTTGTGACATTGGCAGCGAGGATGAGAAAGGGAAGAACAGATCCAAAAGCGAG
 AGCCTGATGGGCACTTTGAAGAGCGGTTGTCCGCCAAGCAGAAGACCAAGGGCAAGGGCGGCACTGCGT
 CTACAGATGAGGACACCTTCTCCTCAGCTTCAGCTCCTGGTGGGCTCAAGGATGTGCGTGTCCCGGCC
 CATCCGCTCCACATCACTGAGAAGCCACCATTATAGCCCCACGCCCTGGCCGCTGCGTCCCACCAGCTCG
 GAGGAGACGTGCATCAAGATGGAGATGCGAGTGAAGCACTGGTGCATGCTGCCAGCCCAGGACCAGTCA
 ACGGTGTGCGCAAGGATCTGCGGGAGCTACAGCCAGGGAGCTGCGAGACCTGCAGCCAGAGCCCGCCCC
 TGAGTCCCGCTGCAGCCCAGCTCACCCGGGGACCTGAGCCTCCACCTGGAGGAACAGTGCCTGTAGTA
 ATCGGACTCATGTCTCAGGACTACCTTCAGTACACCGTGCCTTTAGATGACGGGATGTGCCCTCTTGAAG
 GGCCGCGCAGCTGCTGCCTGGATACGTCTTCTCCCATGGAGGTGTGAGCCGTACCCTGCCGGGGCGAG
 TGGTGCCTTCTCCGAAGACGACAGTCAATGTGGACCAGGACCTGGTTGTAGGCCAGAGATCCTTGTGGAT
 TCATCAGTGAACAATTTGTTGATTGGCACCACAGGAGTCAATGTTGAGAGCCCTAGAGGAGGTCAATGATG
 ACGCCCCCTCCCTCTCACCATTGCTACCTCCAATGCAGAATAACCCAATCCAAAGGAACTTCAGTGGCCT
 CTCGGGCCAGACTTGCACATGGCCGAAAGTGTTCGCTGTCATTTGAATTCGATCCCAACTCTGCGCCT
 GGGGTTGCTAGAGTTTATGACTCGGTGCAAAGTAGTGGCCCCATGGTTGTTACAAGTCTTACGGAGGAGC
 TGAAGAAGCTTGCAAACAGGGGTGGTATTGGGGCCCCATCACACGCTGGGAGGCAGAGGGGAAGTTGGC
 AAATGTGCCAGATGGTTCTTTTCTGTAAGGGATAGTTCTGATGACCGTTACCTTTTAAGCCTGAGCTTT
 CGTTCCCATGGTAAAACACTTCACACTAGAATTGAGCACTCAAATGGTAGATTACGCTTTTATGAACAGC
 CAGATGTGGAAGGGCATAACATCTATAGTTGACTTAATCGAGCATTCAATCAGGGACTCTGAAAATGGAGC
 ATTTTGTATTCAAGATCTCGATTGCCTGGATCAGCAACTACCCAGTCAGACTGACCAATCCAGTGTCA
 CGATTCATGCAGGTGCGCTCGTGCAGTACCTGTGCCGCTTTGTTATCCGTGAGTACACCAGAATAGACT
 TAATTCAGAAACTGCCTTTGCCAAACAAAATGAAGGATTATTTGCAGGAGAAGCACTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_018821
- Insert Size:** 1602 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: [NM_018821.4](#), [NP_061291.2](#)

RefSeq Size: 3210 bp

RefSeq ORF: 1602 bp

Locus ID: 54607

UniProt ID: [Q9JLY0](#)

Cytogenetics: 18 E4

Gene Summary: SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. May be a substrate recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Regulates KIT degradation by ubiquitination of the tyrosine-phosphorylated receptor (By similarity). [UniProtKB/Swiss-Prot Function]