

Product datasheet for **RN214114**

Socs5 (NM_001109274) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Socs5 (NM_001109274) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Socs5
Synonyms:	RGD1564914
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214114 representing NM_001109274
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATAAAGTGGGAAAATGTGGAACAACTTCAAATACAGGTGCCAGAATCTCTTCAGCCATGAAGGAG
GAAGCCGAAGTGAGAATGTGGACATGAACGCCAACAGATGTCTGTCTGTCAAAGAGAAAAGCGTCAGTCT
GGGCGAGGCAGCTCCTCGGCAGCAGAGCAGTCCGTTAAGAGAAAATATTGCCTTACAGCTGGGACTGAGC
CCTTCAAAGACCTTTTCAAGACGGAACCAAACTGTGCCGAGAGATTCTCAGGTTGTTGAAAATAAGCA
TTGAGAAGGACAGCGACTCGAGCGCTACCCAGGAACGAGGCTTGCGCGAAGAGACTCCTATTCCCGACA
CGCCCCGTGGGGAGGCAAGAAGAAGCATTCTGTTCCACAAGACCCAGAGTTCACTGGATACTGAGAAA
AAGTTCGGTAGAACTCGCAGCGCCTTCAGAGGCGGGAGCGGCTATGGAGTCAGCTCCATGCACGACA
TGGACAGTGTATCCAGCCGCGCGGTCCGGAGCCGCTCTCTGAGGCAGAGGCTCCAGGACTGTTGGTTT
GTGCTTCCCATGAGAATTACAGCAAGCAGTCAAAGCCTCTCTTTCCAATAAAAGAAAATACATCTT
TCTGAATTAATGTGGAGAAATGCCCTTTTCTGCTGGCTCAGATTTAGCACAAAAGTGGCATTTGATTA
AACAGCATACCGTCCCCTGAGCCACATTCAACATTTTTTATACATTTGATCCATCACTGGTGTCTAC
AGAGGATGAAGAAGATAGACTTCGTGAGAGAAGACGGCTTAGTATCGAAGAAGGCGTGGATCCCCCTCCC
AACGCACAAATCCACACCTTTGAAGCTACTGCACAGGTCAATCCATTGTATAAATGGGACCAAAGTTAG
CCCCTGGGATGACGAAAATAAGCGGAGATGGTTCTGCAATCCACAGACGAATTGTACTCAGAAGAGGA
TTCAACCACCTGTGTCTGCAGTCACGGAGGCAGAAGCAGCGCCAGGTGTCCGGGACAGCCACTCACAC
ATTAGCAGACAGGAGCTTGGAAAGTTCATACGCAGATCGATTACATACACTGCCTGTACAGATTTGC
TTCAGATCACAGGGAATCCCTGTTACTGGGGCGTGATGGACCGCTACGAAGCAGAAGCCCTCTAGAGG
GAAACCGGAAGGCACGTTTTTGGCTCAGGACTCTGCGCAGGAGGACTACCTCTTCTGTGAGCTTCCGC
CGCTACAACAGGTCCTGCACGCCCGGATCGAGCAGTGAACCACAACCTCAGCTTCGATGCCACAGACC
CTTGCGTGTTCCTCCTCCACTGTACGGGACTCCTCGAACATTATAAAGACCCTAGCTTTGCATGTT
CTTTGAACCGTTGCTTACGATATCGCTGAATAGGACTTCCCTTTCAGCCTGCAGTACATCTGCCGCGCA
GTGATCTGCAGGTGCACTACATACGACGGGATTGATGGGCTCCCTCTACCGTCCATGTTACAGGATTTT
TAAAGAGTATCATTATAAGCAAAAAGTTAGGGTTCGCTGGTTAGAACGAGAGCCAGTCAAGGCAAAGTA
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001109274

Insert Size: 1611 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.

RefSeq: [NM_001109274.1](#), [NP_001102744.1](#)

RefSeq Size: 4233 bp

RefSeq ORF: 1611 bp

Locus ID: 500616

Cytogenetics: 6q12