

## Product datasheet for **SC205748**

### SOCS1 (NM\_003745) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SOCS1 (NM\_003745) Human 3' UTR Clone  
**Symbol:** SOCS1  
**Synonyms:** AISIMD; CIS1; CISH1; JAB; SOCS-1; SSI-1; SSI1; TIP-3; TIP3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_003745  
**Insert Size:** 456 bp  
**Insert Sequence:** >SC205748 3'UTR clone of NM\_003745  
The sequence shown below is from the reference sequence of NM\_003745. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
TACCTGAGCTCCTTCCCCTTCCAGATTTGACCGGCAGCGCCCGCCGTGCACGCAGCATTAACTGGGATG  
CCGTGTTATTTTGTATTACTTGCCTGGAACCATGTGGGTACCCTCCCCGGCCTGGGTTGGAGGGAGCG  
GATGGGTGTAGGGGCGAGGCGCCTCCCGCCTCGGCTGGAGACGAGGCCCGAGACCCCTTCTCACCTCT  
TGAGGGGTCTCCCCCTCCTGGTGCTCCCTCTGGGTCCCCTGGTTGTTGTAGCAGCTTAACTGTATC  
TGGAGCCAGGACCTGAACTCGCACCTCCTACCTTTCATGTTTACATATACCCAGTATCTTTGCACAAA  
CCAGGGGTTGGGGGAGGGTCTCTGGCTTATTTTTCTGCTGTGCAGAATCCTATTTTATATTTTTTAAA  
GTCAGTTTAGGTAATAAACTTTATTATGAAAGTTTTTTTTT  
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI

**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.



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RefSeq: [NM\\_003745.2](#)

**Summary:** This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signaling (SOCS), family. SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by a subset of cytokines, including IL2, IL3 erythropoietin (EPO), CSF2/GM-CSF, and interferon (IFN)-gamma. The protein encoded by this gene functions downstream of cytokine receptors, and takes part in a negative feedback loop to attenuate cytokine signaling. Knockout studies in mice suggested the role of this gene as a modulator of IFN-gamma action, which is required for normal postnatal growth and survival. [provided by RefSeq, Jul 2008]

Locus ID: 8651

MW: 16.5