

Product datasheet for **SC211879**

SOCS2 (NM_003877) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SOCS2 (NM_003877) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SOCS2
Synonyms:	CIS2; Cish2; SOCS-2; SSI-2; SSI2; STAT12
ACCN:	NM_003877
Insert Size:	1596 bp



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Insert Sequence: >SC211879 3'UTR clone of NM_003877
 The sequence shown below is from the reference sequence of NM_003877. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACTTGGAAGAATATAAATTCCAGGTATAAATGTTTCTCTTTTTTAAACATGTCTCACATAGAGTATC
TCCGAATGCAGCTATGTAAAAGAGAACCAAACTTGAGTGCTCTGGATAACTATATGGAATGCTTTCTA
AGAACAGCTGAAGCTAATCTAATTTAAATTTAACAGCTTGAAGAGGTAGCTAGGTGTTTAAAGTTCTCTC
CAGATACTTTTACCTGAGTGATGCTTCCCTTCTAAGGCTGACCAAGACCTGTTGATCCTTTTAGATTA
AAAATAAAATGTCGCATGTAAAGGCTGAAGTCGCGTTTTATCAGAATGCCTTGCCTTCTTAGGTTCTTT
TCCATTATGTCAAAGTCCAGGCTCCAGTAGGAGAGAAAGAACTCCTCATAGGAATACTGAAGAAGTGG
GAAGGAACCAAGCTGACACAGGCTCACTGCAATTTGATATGCCTGCTGATCAGAGTCTCTTGGGCATT
TTATATTTTGCATTCTGATGTACCTAGGAGTTTTGTTAAACAGATGATGTATGTGAGTATTTATCCCAT
TTTATGCAATTAACCAAAATCAACCAAAAAAAGTGACCATGAAGTCTGTATTTGTCTTTTTACTACATG
TAGGAACTCTCATGTGAATGAGTACTGTAGTAATCCATTCTATGGGAGCCTTATTTTCAGAAATATTTCA
AACTGGTGCAAAATGAAAAGACTTTCTCTTTTCTTTAAAGCTAAAGACAAGAATATCATGCTATACAG
GTGCAACTCAATCCCGTTAATAAAAACCAATGTAGGTATAGGCATTCTACCTTTGAAATAGCTGTGT
CCCAACCTGTTGCCATTGATTTTTTGGAAATGGCTTTAGAAATATCCAAGTTGCCTTGAATTGTCTAA
CCATGGACATAAACAGTTGTCTCCCTTCTACTGTGTAGAATACTTTGACTTAATTTTCTCCAGATAACA
GGGGGATACCTGCCTGTTTTTCAAAGTGTTTATTTACTGCTGTTACTATTTGATTAGAATGTATTAAT
AAAAAAAACCTGATTTTCTACAAGTTGCACTTATTGAGTTCTAGAGAACGTACACTTTCATGGTAATAGA
GGATTGCCATAAAAACTTACGTCAAGTGAATAAGCCAATTATTCAACAAAAGGTAGAACATTACTTGC
CATTCTGTAAAGTTATGGGCTGTACCTGCCCTTTGCAATTTGGAAAGCATGGTTTAGAAACTACAGG
CATTGTCAAGTGCCGGGTCTTTTATAATTTGAATAGGCATAACACTGATGTCCTCTGTGTTTCCAAAA
ACATGGTTTAGAAACTACAAACATTATGACATGGCCAGTCTTTTACAAGTTGAGTAGGCATAATACTAA
AGAAAAATACAAAGTTTGTGGCCACTTATTTTTGCTATGTTAGTCTGCATAACTGTTATAAATGTAC
CATCTTTTCTAGAGTCCAGACATTATTTATTTATGGCTTTAAAAATTTCTCTGCATAGCTACAATCCTG
TGGTGTGTACCATAAAGGTGGACCCTGTGTGAATGAGAAAATTCAGTTATAAATGTAATAAAACCTG
CTTACTGGA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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.

RefSeq: [NM_003877.5](#)

Summary:

This gene encodes a member of the suppressor of cytokine signaling (SOCS) family. SOCS family members are cytokine-inducible negative regulators of cytokine receptor signaling via the Janus kinase/signal transducer and activation of transcription pathway (the JAK/STAT pathway). SOCS family proteins interact with major molecules of signaling complexes to block further signal transduction, in part, by proteasomal depletion of receptors or signal-transducing proteins via ubiquitination. The expression of this gene can be induced by a subset of cytokines, including erythropoietin, GM-CSF, IL10, interferon (IFN)-gamma and by cytokine receptors such as growth hormone receptor. The protein encoded by this gene interacts with the cytoplasmic domain of insulin-like growth factor-1 receptor (IGF1R) and is thought to be involved in the regulation of IGF1R mediated cell signaling. This gene has pseudogenes on chromosomes 20 and 22. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Locus ID:

8835

MW:

62.5