

Product datasheet for **SC215826**

SOCS3 (NM_003955) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SOCS3 (NM_003955) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SOCS3
Synonyms:	ATOD4; CIS3; Cish3; SOCS-3; SSI-3; SSI3
ACCN:	NM_003955
Insert Size:	1670 bp



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Insert Sequence: >SC215826 3'UTR clone of NM_003955
 The sequence shown below is from the reference sequence of NM_003955. 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
TTCTTGACACAGTACGATGCCCGCTTTAAGGGGTAAAGGGCGCAAAGGGCATGGGTCTGGGAGAGGGGA
CGCAGGCCCTCTCCTCCGTGGCACATGGCACAAGCACAAAGAAGCCAACCAAGGAGAGAGTCTGTAGCT
CTGGGGGAAAGAGGGCGGACAGGCCCTCCCTCTGCCCTCTCCCTGCAGAATGTGGCAGGCGGACCTG
GAATGTGTTGGAGGGAAGGGGAGTACCACCTGAGTCTCCAGCTTCTCCGAGGAGCCAGCTGTCCTGG
TGGGACGATAGCAACCACAAGTGGATTCTCCTTCAATTCCTCAGCTTCCCTCTGCCTCCAAACAGGGG
ACACTTCGGGAATGCTGAACTAATGAGAACTGCCAGGGAATCTCAAACCTTCCAAACGGAACCTGTTTG
CTCTTTGATTTGGTTTAAACCTGAGCTGGTTGTGGAGCCTGGGAAAGGTGGAAGAGAGAGAGGTCTCTGA
GGCCCCAGGGCTGCGGGCTGGCGAAGGAAATGGTCACACCCCCGCCACCCAGCGAGGATCCTGG
TGACATGCTCCTCTCCCTGGCTCCGGGAGAGGGCTTGGGGTGACCTGAAGGGAACCATCTGGTACC
CCACATCTCTCCTCCGGGACAGTCACCGAAAACACAGGTTCAAAGTCTACCTGGTGCCTGAGAGCCC
AGGGCCCTTCTCCGTTTTAAGGGGGAAGCAACATTTGGAGGGGATGGATGGGCTGGTACGTGGTCTC
CTTTTCTACTCATACTATACCTTCTGTACCTGGGTGGATGGAGCGGGAGGATGGAGGAGACGGGACA
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AGGCGCCTCGTGGTCAGAGCAGAGCCACAGGTCCTCCACTGCCCGAGCCCTGCACAGCCCTCCCTCCTG
CCTGGGTGGGGAGGCTGGAGGTCATTGGAGAGGCTGGACTGCTGCCACCCCGGGTGTCTCCGCTCTGC
CATAGCACTGATCAGTGACAATTTACAGGAATGTAGCAGCGATGGAATTACCTGGAACAGTTTTTTGTT
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
AATAATGTTTACAATCTGCCTCAATCACTCTGTCTTTTATAAAGATTCCACCTCCAGTCTCTCTCCTC
CCCCCTACTCAGGCCCTGAGGCTATTAGGAGATGCTTGAAGAACTCAACAAAATCCCAATCCAAGTCA
AACTTTGCACATATTTATATTTATATTCAGAAAAGAAACATTTTCAGTAATTTATAATAAAGAGCACTAT
TTTTTAATGAAAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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.

RefSeq: [NM_003955.5](#)

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 is induced by various cytokines, including IL6, IL10, and interferon (IFN)-gamma. The protein encoded by this gene can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase. Studies of the mouse counterpart of this gene suggested the roles of this gene in the negative regulation of fetal liver hematopoiesis, and placental development. [provided by RefSeq, Jul 2008]

Locus ID: 9021

MW: 62.1