

Product datasheet for **SC322430**

SOCS6 (NM_004232) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SOCS6 (NM_004232) Human Untagged Clone
Tag:	Tag Free
Symbol:	SOCS6
Synonyms:	CIS-4; CIS4; HSPC060; SOCS-4; SOCS-6; SOCS4; SSI4; STAI4; STATI4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322430
 GGAGAAGCGAGCGCGGCAGTCGCGCCGGCGCTGGGCGAGGAAGCGGAGCCGGGCCCGCT
 CCGGAAAATGGCTCCAAAGGTTAAATGAAGCAGGAAAAATACATAGATGCAGCCTTGCA
 CCTCTCCAGATGTTTGGGGATAATTCAGATAGAAATATTGATCCCTTGGATTAGGTA
 ACTAGTCATAATGAAGAAAATTAGTCTTAAAACCTTACGGAAATCTTTAACTTGAATAA
 AAGTAAAGAAGAACTGATTTTCATGGTAGTACAACAACCATCGCTAGCCAGTGACCTTGG
 AAAAGATGATTCCTTATTTGGTAGCTGCTATGGTAAAGATATGGCCAGCTGCGATATCAA
 CGGTGAAGATGAAAAAGCGGAAAAAACAGATCAAAAAGCGAGAGCCTGATGGGTACGCT
 AAAAAGGCGGCTTTCTGCAAAACAGAAGTCAAAAAGCAAGGCGGGCACACCCTCTGGGAG
 CTCTGCCGACGAGGACACCTTCTCCTCCTCCTCAGCACCCATAGTCTTTAAAGACGTGAG
 AGCTCAGAGGCCGATAAGGTCCACGTGCTCCGCAGCCATCACTACAGTCCCAGCGCCGTG
 GCCTCTGCGGCCCAAACTCCGAGGAGACCTGCATCAAGATGGAGGTGAGAGTCAAGGC
 CTTGGTTCCTCTCCAGCCGAGTCCAGCCCTGAATGGCGTCCGGAAGGATTTCCACGA
 CCTCCAGTCTGAGACCAGTGCCAGGAGCAAGCCAATTCCTGAAGAGCTCGGCTTCTCA
 TAATGGAGACCTGCATCTTCACCTGGATGAACATGTGCCTGTCGTTATTGGACTTATGCC
 TCAGGACTACATTCAGTATACTGTGCCTTAGATGAGGGGATGTATCCTTTGGAAGGATC
 ACGGAGCTATTGTCTGGACAGCTCTTCTCCATGGAAGTCTCTGCGGTTCTCCTCAAGT
 GGGAGGGCGCGCTTTCCCGAGGATGAGAGTCAGGTAGACCAGGACCTAGTTGTGCGCCC
 AGAGATCTTCGTGGATCAGTCCGTGAATGGCTTGTGATTGGCACCACGGGAGTCATGTT
 GCAGAGCCCGAGAGCGGGTCACGATGATGTCCCTCCACTCACCATTGCTACCTCCAAT
 GCAGAATAATCAAATCAAAGGAACTTCAGTGGACTCACTGGCACAGAAGCCACGTGGC
 TGAAGATGCGCTGTCAATTTGAATTTGATCCGAACTCTGCTCCTGGGGTTGCAAGAGT
 TTATGACTCAGTGCAAAGTAGTGGTCCCATGGTGTGACAAGCCTTACAGAGGAGTGAA
 AAAACTTGCAAAAGCAAGGATGGTACTGGGACCAATCACACGTTGGGAGGCAGAAGGGAA
 GCTAGCAAACGTGCCAGATGGTCTTTTCTTGTTCGGGACAGTTCTGACGACCGTTACCT
 TTTAAGCTTGAGCTTTGCTCCCATGGTAAAACACTTCACACTAGAATTGAGCACTCAA
 TGGTAGGTTTAGCTTTTATGAACAGCCAGATGTGGAAGGACATACGTCCATAGTTGATCT
 AATTGAGCATTCAATCAGGGACTCTGAAAATGGAGCTTTTGTATTCAAGGTCTCGGCT
 GCCTGGATCTGCAACTTACCCCGTCACTGACCAACCCAGTGTCCCGGTTTATGACAGT
 GCGCTCGTTGAGTACCTGTGTCGTTTTGTTATACGTGATATACCAGAATAGACTTAAT
 TCAGAACTGCCTTTGCCAAACAAAATGAAGGATTATTTACAGGAGAAGCACTACTGAAA
 GATTGAGAACCCTGCATCTTGCACCTTTGGGAATAAGAACAAGAGATTGAAATACAGTTTA
 CAAACTTTCATTGCCATCAAATCTTTTGTGCCATAACTATTTTCAAGTTTATGTGTAAA
 AGAGTCATCAGTTTGTAGGGGTGGGGAAGTGTGAGCAAGGTGCTTGGGTTTATTTTG
 GTTCTTTAAAAAGGGAAGTCTTGGAGTTTGTAGAGGTGTAATATGTTTCATCAATGTG
 CAGAATAATCACAATGTGAATTATCAAATCTCCTCAATGCCCGCCCGCCAGTCCCTT
 GCTGCTATCCACTGTGATTTTTATGCATTAAGACACATTTTATGTTGATTCAACCCTAA
 GTAAAGTTGAATGAACTTAACAGAATGGAAATGCTATGTCTTTTTAAATGGTCCATTT
 TCAAAAGACAGTGTGAAATAACATACCTGTGTGATAAAACACAGAATTTACATATACAC
 TGAAGATGAGTTTTTAACTCTTACTTTAAAAAGATTTATTTAGAATCGTGAATTGACAT
 AATCTTGGGAATGGAACGGAGATCTGCAACATATCTTTTAAACAACACTTTTTTCTAAAT
 TATTTCTAAGGTTGTGCTAATCTTTTGGTTGTGAAAAGTTGAATTTTTCTGTTGCCCTC
 GTTTTCTCTTCTAGTTTGTCTATTTTAAATAAATGGCCTTACATTAATAAATGTAAAGA
 AATGTATACCACCAATTTAGAAATTTGTTGCCTTTTCTGTAATTAACCTCGGGTACAAAT
 GGCATAACATGAAAACCTATGGAAGTGAATTTATTTAAAGAAATATTAGATGAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_004232

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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:	<u>NM_004232.3</u> , <u>NP_004223.2</u>
RefSeq Size:	5846 bp
RefSeq ORF:	1608 bp
Locus ID:	9306
UniProt ID:	<u>O14544</u>
Cytogenetics:	18q22.2
Domains:	SH2, SOCS
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene contains a SH2 domain and a CIS homolog domain. The protein thus belongs to the cytokine-induced STAT inhibitor (CIS), also known as suppressor of cytokine signaling (SOCS) or STAT-induced STAT inhibitor (SSI), protein family. CIS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by GM-CSF and EPO in hematopoietic cells. A high expression level of this gene was found in factor-independent chronic myelogenous leukemia (CML) and erythroleukemia (HEL) cell lines. [provided by RefSeq, Jul 2008]