

Product datasheet for MC215730

Socs4 (NM_080843) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Socs4 (NM_080843) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Socs4
Synonyms:	3110032M18Rik; A730004F22Rik; AI427843; AU015727; AU015859; Socs7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215730 representing NM_080843 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGAAAACAATAGTAAAAATGTAGATGTACGGCCTAAAACAAGTCGGAGTCGAAGTGCTGACAGGA
AGGATGGTTATGTGTGGAGTGAAAGAAGTTGTCTTGGTCCAAAAAGAGTGAGAGTTGTTCTGAATCTGA
AGCCATAGGTACTGTTGAGAATGTTGAAATTCCTCTAAGAAGCCAAGAAAGGCAGCTTAGCTGTTCTGTC
ATTGAGTTGGACTTAGATCATTCTGTGGGCATAGATTTTAGGCCGATCCCTTAAACAGAACTGCAAG
ATGCGGTGGGGCAGTGTTTTCCAATAAAGAATTGTAGTGGCCGACACTCTCCAGGGCTTCCATCTAAAAG
AAAGATTCATATCAGTGAACCTATGTTAGATAAGTGCCCTTTCCACCTCGCTCAGATTTAGCCTTAGG
TGGCATTATTAACGACACACTGTTCTATGAGTCCCAACTCAGATGAATGGGTGAGTGACAGACCTGT
CTGAGAGGAACTGAGAGATGCTCAGCTGAAACGAAGAAACACAGAAGATGACATACCCTGTTTCTCACA
TACCAATGGCCAGCCTTGTGTATAACTGCCAACAGTGCTTCGTGTACAGGTGGTCACATAACTGGTTCT
ATGATGAACTTGGTCACAAACAACAGCATAGAAGACAGTGACATGGATTCAGAGGATGAAATTATAACGC
TGTGCACAAGCTCCAGAAAAAGGAATAAGCCAGGTGGGAAATGGAAGAGGAGATCCTGCAGTTGGAGGC
ACCTCCTAAGTTCCACACCCAGATCGACTACGTCCACTGCCTTGTTCAGACCTCCTCAGATCAGTAAC
AATCCGTGCTACTGGGTGTCATGGACAATATGCAGCCGAAGCTCTGCTGGAAGGAAAGCCAGAGGGCA
CCTTTTTACTTCGAGATTCAGCGCAGGAAGATTATTTATTCTCTGTTAGTTTTAGACGCTACAGTCGTT
TCTTCATGCTAGAATTGAGCAGTGGAAATCATAACTTTAGCTTTGATGCCATGATCCTTGTGTCTCCAT
TCTCCTGATATTACTGGCTCCTGGAACACTATAAGGACCCAGTGCCTGTATGTTCTTTGAGCCGCTCT
TGTCCTCCCTAATCCGGACGTTCCCTTTTCCTTGCAGCATATTTGCAGAACGGTTATTTGTAATTG
TACGACTTACGATGGCATCGATGCCCTTCCATTCCTTCGCTATGAAATGTATCTGAAGGAATACCAT
TATAAATCAAAGTTAGTTACTCAGGATTGATGTGCCAGAGCAGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_080843
Insert Size:	1311 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:	<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_080843.2</u> , <u>NP_543119.2</u>
RefSeq Size:	2154 bp
RefSeq ORF:	1311 bp
Locus ID:	67296
UniProt ID:	<u>Q91ZA6</u>
Cytogenetics:	14 C1
Gene Summary:	SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. Substrate-recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Inhibits EGF signaling by mediating the degradation of the Tyr-phosphorylated EGF receptor/EGFR (By similarity).[UniProtKB/Swiss-Prot Function]