

Product datasheet for MC203953

Scoc (NM_019708) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Scoc (NM_019708) Mouse Untagged Clone
Tag: Tag Free
Symbol: Scoc
Synonyms: 0610011C06Rik; 2810002J11Rik; AA415030; SCOCO
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC085265

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CTGAGGCTTCCTACCCATCCCGCCTCTCCCGCGCTTCAGACGCAAGACCATTCTTTAAGAGTTGGCG
TTCGAGGGCTGAAAGTCTGCTACCCAAGATGATGAATGCTGACATGGACGCGAGTTGATGCTGAAAATCAG
GTGGAAGTGAAGAAAAGACTCGACTTATTAATCAGGTGTTGGAAGTCCACACACACTGAAGATCTTT
CTGCAAGAGTAGATGAGTAAAGGAAGAAAATCTGAAGCTAAAGTCGGAAAATCAAGTTCTCGGACAATA
TATAGAAAACCTCATGTCTGCTTCTAGTGTCTTCAAACAAGTACAAAAAGCAAAAGGAAGTAAAGG
GCTCACCTCCCTCTCTTCTATGGATTGCTGCTTTTTTTCTCCCCCTTAAGGCTTGATATGATCCAAAA
GTTAGAGTATCTTTGTTCTCCCTGAGTATTTATAAAGAGAATGCACATCTAGGTAACACTAATGCTGA
ACAGGAGCATCTCTGAGTAAACGCTATATGTATACGTTAGTCTATGAAAATGTGCACATGTAGAGACTTT
ATATTAGAATTACAGATATTTATGAAACTGAAGATGAATGTTTTGCCAATTTGCTTATATATATAGG
TTTAGCACTGTCTTTATCATAAGCCTAACTAGTAAAATATACAAAAAATAACCATGTTGTGAAAAGTG
ACCAAAACCATGTACTGAATGCACAGCTTCTGTACCTTGTGCACCGTCTTGTGCCTCTCCATCTCCCTC
CCTGACGGTAACTTCAGCAGTTTCTCCTACAAGAGTAACCTAACTAGAATTGTTGACACTTAACAAAA
TAAGACACTTTCTATCTAAGGCTTGCCGTTTGTGATATTTAGTAATAAGATAGGATTGCTGGTTTCTCT
TTAATCAATCGAAAGTAGATTGAAGCTATAGAAAATGAAGAGTTTTCTTTGAAATGTAACTGCCACACT
GAGAAGCTAAAACCTCCCTATTGCATAAAATAGTTCATTTGGTGTGAAAAGATAGGAATAAGAAGGAAAAC
GGATTAACAGAAAATAACCAGCTCGCAGTGTTCCTCTAAATGTGTATTACCTTGCCACAGCTGCA
CTTTGGGACATATATGAAAGTGGACTGAGTCTAATGTAAGTGGATTAAGAGAGACTAGTTAAGAGTTTG
GTCTCAAAGTTTATTTGTACCCAGGAAATGAACCTTTTGCAAAATTAATTGAGAGTATATTAATATCAGAA
TCATGAATATAAGAGTTTTGTATATGTGATAATTATTAACCTCGGTATTTTATCTCAGTTGTTTTCCAG
AATTTCTGTAACCTCAACTACTTGTGAGATTTTGTGAGATTTTGTGAGTCTTTTAAACAAATTTTAAAAATTTAG
TTTGTAGCTTCCATTTGATAAGGAGCTGATATCAGAAAATAAGTGAAGTCTTATAATAGGAAAGATCCA
CTAATGCAGCTGGTGGCTCTTAGGCTGGGCTGCTTTGACTTGTGGAATTATCTAATGTATTAATGTAAGC
CTTGATGAGTGACGTTAGCTATATGGATGTGTAATCCTCACATTGCAGACATTTTGCAACCTTTTGTGA
CCTTGTTACAGATATTTAAAATTTGTTCAAGTTCTGCTTTGCTGTTTAAATAAAAAGCTGTTTCAGAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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| Restriction Sites: | RsrII-NotI |
| ACCN: | NM_019708 |
| Insert Size: | 249 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: | BC085265 , AAH85265 |
| RefSeq Size: | 1800 bp |
| RefSeq ORF: | 249 bp |
| Locus ID: | 56367 |
| UniProt ID: | Q78YZ6 |
| Cytogenetics: | 8 C2 |
| Gene Summary: | <p>Positive regulator of amino acid starvation-induced autophagy.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) represents use of an alternate promotor, differs in the 5' UTR, and initiates translation from a downstream start codon compared to variant 1. The resulting protein (isoform b) is shorter and has a distinct N-terminus compared to isoform a.</p> |