

Product datasheet for **SC327364**

SCOC (NM_001153635) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | SCOC (NM_001153635) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SCOC |
| Synonyms: | HRIHFB2072; SCOCO; UNC-69 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_001153635, the custom clone sequence may differ by one or more nucleotides ATGGACGGGTCCAGGAAAGAGGAGGAGGAAAGACAGCACATTCACCAACATTTCTCTTGCA GATGACATAGACCATTCCCTCAAGAATTTTGTATCCAAGGCCAAAAGTTTGTACCCAAG ATGATGAATGCTGACATGGATGTTGATGCTGAAAATCAAGTGGAAGTGGAGGAAAAACA AGACTTATTAATCAAGTGTGGAACTCCAACACACACTTGAAGATCTCTGCAAGAGTA GATGCAGTTAAGGAAGAAAATCTGAAGCTAAAATCAGAAAACCAAGTTCTTGGACAATAT ATAGAAAATCTCATGTCAGCTTCTAGTGTTTTTCAAACAAGTACACAAAAAGCAAAAGA AAG |
| Restriction Sites: | Please inquire |
| ACCN: | NM_001153635 |
| 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). |



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Reconstitution Method:

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: [NM_001153635.1](#), [NP_001147107.1](#)

RefSeq Size: 1873 bp

RefSeq ORF: 366 bp

Locus ID: 60592

UniProt ID: [Q9UIL1](#)

Cytogenetics: 4q31.1

Gene Summary: This gene encodes a short coiled-coiled domain-containing protein that localizes to the Golgi apparatus. The encoded protein interacts with ADP-ribosylation factor-like proteins. Pseudogenes of this gene are found on chromosomes 1 and 14. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]
Transcript Variant: This variant (7) differs in the 5' UTR, has multiple differences in the coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (5) has a distinct N-terminus and is shorter than isoform 1.