

Product datasheet for **SC104470**

SCOC (NM_032547) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCOC (NM_032547) 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:	>OriGene ORF within SC104470 sequence for NM_032547 edited (data generated by NextGen Sequencing)

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ATGGACGGGTCCAGGAAAGAGGAGGAGGAAGACAGCACATTCACCAACATTTCTCTTGCA  
GATGACATAGACCATTCTCAAGAATTTTGTATCCAAGGCCAAAAGTTTGTACCCAAG  
ATGATGAATGCTGACATGGATGCAGTTGATGCTGAAAATCAAGTGGAACTGGAGGAAAAA  
ACAAGACTTATTAATCAAGTGTGGAACTCCAACACACACTTGAAGATCTCTCTGCAAGA  
GTAGATGCAGTTAAGGAAGAAAATCTGAAGCTAAAATCAGAAAACCAAGTTCTTGACAA  
TATATAGAAAATCTCATGTCAGCTTCTAGTGTTTTTCAAACAACCTGACACAAAAGCAAA  
AGAAAGTAA
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Clone variation with respect to NM_032547.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032547 unedited</p> <pre> ATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTCAGGTGGAAA GCAGGAAGAGGGTGGCTAGTGAAGGATCAGATAGCACCTGCTTGGAAAGTTCAGTGATTA ATGATTTAAACAAGGGCGGTACACATGGGACAACCTGCTGCTTTTCTCTGCCCTCATTTTTCT TACTAACAGGTCTGAAAATTGAACAAGATGGACGGTCCAGGAAAGAGGAGGAGGAAGAC AGCACATTCACCAACATTTCTCTTGCAGATGACATAGACCATTCTCAAGAATTTTGTAT CCAAGGCCAAAAGTTTGTACCCAAGATGATGAATGCTGACATGGATGCAGTTGATGCT GAAAATCAAGTGAAGTGGAGGAAAAACAAGACTTATTAATCAAGTGTGGAACTCCAA CACACACTTGAAGATCTCTCTGCAAGAGTAGATGACGTTAAGGAAGAAAACTGAAGCTA AAATCAGAAAACCAAGTCTTGGACAATATATAGAAAATCTCATGTCAGCTTCTAGTGTT TTTCAAACAACCTGACACAAAAGCAAAAGAAAGTAAGGGATTGACACCCTTCTGTTTTAT GGAATTGCTGCTGATCATTTTTTCTTTAAAACCTGGATAGATTCCAAAAGTTACAGTACC TTTGTGGCTTCATTGAATATTTATGAAGATAATGTCAGATGTAGACAAAAATAACACAAT AACAGGAGACTTCATAAGTTTGTGATTATGTTAGTCTATGAAAACGTGCANATGTATT GTAGAGACTNTATGATTAGAATTGCATATATTTATGAACTTANAGATGAATGTTNTATT GAATTTGTANGTTTAGCACTGTCTTTNATTTATAGGATTAGTAGAATACCAGAANATACC ACCCGTGTGTGAAAAGTGACCANNATCTGTAATAATGCCAGCTTTTGTACCCTGTCCCA TCTTNGCCTCTCTCATTGCCTCTTCTTATTNCCTTC </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032547 unedited</p> <pre> TTTGGACGCGGCCCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTCTGAAAAGCTTTT TATTAACGGCAAAGCAGAACTGCAACACAATTTAAATGTCTGTAATTAGGTCACAAAA GGGATGCAAAAATGTTTGCAGTTTACTATTATATATTCACACAGCTAAAGTCATTCATCA ACTCTTACACCAATACATAAGATTATTCCATGATTAAGGCCCAATCTAATAACCTTAA GCTACATTAGTGGATCTTTTTCATATTATAAGATTTTAGCAATACTTCCAATATTGATT TCCTTACCAAAATGGAATCTAGAAGCTAAATTTTTAAAAATGTTAAAGGATGACTAAAAC TCTTCAAACCCAGTAGCAGGGTTTACAGAAAATCTAGAACAAGTGAGATAAAATACTGA GCAAGATAATAAGTATACATGTATAACTTTCCATTTTATTCACTATTCTAATACTAATA CACCATTACGGAATTTTGCAGAAGTTGACCCACTGGGTACAAATCAACTTAAAGACCAAA CTCTTTGTAACGTCTCATCCAGATGTGGCTAACATAAGGGTAGTCAAACCTTAATCCAC TTTCATATATATTTCCAAAAGATCTACTCTGTGCCAGAGAAAAACAAATCTGGAGTGA AAATATTTGGTTACTACTGTTTACCGAGTACTTTCCACCTATTNCAATNTTCTCCTCAA AAATTTCTATTTAACATACACATGACCAGAAATATATATTTTTCAGATATACAAAATGAGT ATTTTGGCAAAAAGAAGTTTAAACAACAATATTTCCAGNTTAATCAGTTNCAAAGAAAAC CTTCTTNTTAGCCCCATCTATTTCCAATAATAAGAAACCTANCATTCTATCTAACCTAA TACACAATGACAGCCTACTGAGACGTATCTATTGGTTAATNCCACATAANAACAGCTAC TCTANAATGATAC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032547
Insert Size:	2080 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:

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_032547.1](#), [NP_115936.1](#)

RefSeq Size: 1958 bp

RefSeq ORF: 369 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 (4) differs in the 5' UTR and 5' coding region, compared to variant 1, resulting in an isoform (4) with a distinct and shorter N-terminus, compared to isoform 1. Variants 4, 5 and 6 encode the same isoform.