

Product datasheet for **RC228070**

SCOC (NM_001153552) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SCOC (NM_001153552) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SCOC
Synonyms: HRIHFB2072; SCOCO; UNC-69
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC228070 representing NM_001153552
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGCAGGCGTGTATTCTCGAGTCAGGATTGGCGGGCGAGCGGCTGGGACGGGATGGGATTCTTCTCAC
 GGCGCACGTTCTGTGGCGGAGTGGCGGAGCTGCCGGGTGAGTTGGTCCAAGTGTCCCGGCTGAGGT
 GTCGGCCGGATCCCTCTTCTCCCGCGCCTCAAGCGGAAGACCATTCTCAAGAATTTGTATCCAAGG
 CCCAAAAGTTTGTACCCAAGATGATGAATGCTGACATGGATGATCTCTCTGCAAGAGTAGATGCAGTTA
 AGGAAGAAAATCTGAAGCTAAAATCAGAAAACCAAGTTCTTGGACAATATATAGAAAATCTCATGTCAGC
 TTCTAGTGTTTTTCAAACAACACTGACACAAAAGCAAAAAGAAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC228070 representing NM_001153552
 Red=Cloning site Green=Tags(s)
 MRRRVFSSQDWRASGWDGMGFFSRRTFCGRSGRSCRGQLVQVSRPEVSAGSLLL PAPQAEDHSSRILYPR
 PKSLLPKMMNADMDDL SARVDAVKEENLKLKSENQVLGQYIENLMSASSVFQTTDTKSKRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001153552

ORF Size: 393 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

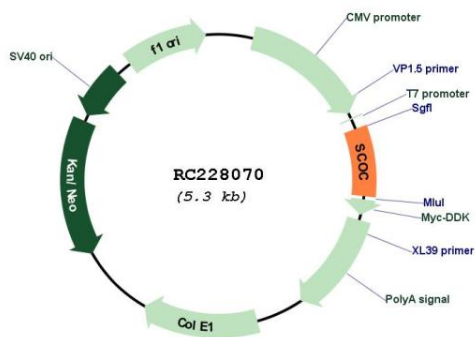
RefSeq: [NM_001153552.1](#), [NP_001147024.1](#)

RefSeq ORF: 165 bp

Locus ID: 60592
 UniProt ID: [Q9UIL1](#)
 Cytogenetics: 4q31.1
 MW: 14.6 kDa

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]

Product images:



Circular map for RC228070