

## Product datasheet for **RG228092**

### SCOC (NM\_001153663) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SCOC (NM\_001153663) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** SCOC  
**Synonyms:** HRIHFB2072; SCOCO; UNC-69  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG228092 representing NM\_001153663  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCGCAGGCGTGATTCTCGAGTCAGGATTGGCGGGCGAGCGGCTGGGACGGGATGGGATTCTTCTCAC  
 GGCGCACGTTCTGTGGGCGGAGTGGGCGGAGCTGCCGGGGTCAGTTGGTCCAAGTGTCCCGGCTGAGGT  
 GTCGGCCGGATCCCTCCTTCTCCCGCGCCTCAAGCGGAAGACCATTCTCAAGAATTTGTATCCAAGG  
 CCCAAAAGTTTGTACCCAAGATGATGAATGCTGACATGGATGTTGATGCTGAAAATCAAGTGGAAGTGG  
 AGGAAAAACAAGACTTATTAATCAAGTGTGGAAGTCCAACACACACTTGAAGATCTCTGCAAGAGT  
 AGATGCAGTTAAGGAAGAAAATCTGAAGCTAAAATCAGAAAACCAAGTCTTGGACAATATATAGAAAAT  
 CTCATGTCAGCTTCTAGTGTTTTCAAACAAGTACACAAAAAGCAAAAGAAAG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG228092 representing NM\_001153663  
 Red=Cloning site Green=Tags(s)

MRRRVFSSQDWRASGWDGMGFFSRRTFCGRSGRSCRQQLVQVSRPEVSAGSLLLPAQAEHDSSRILYPR  
 PKSLLPKMMNADMVDAENQVELEEKTRLINQVLELQHTLEDLSARVDVAVKEENLKLKXENQVLGQYIEN  
 LMSASSVFQTTDTKSKRK

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI

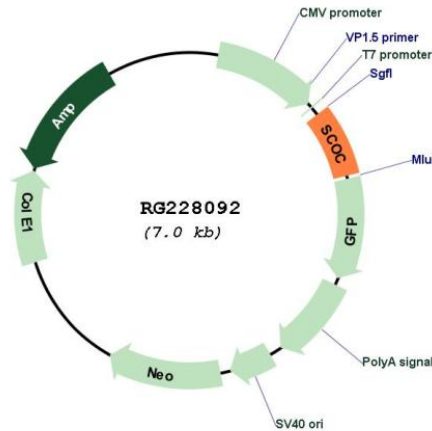


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_001153663

ORF Size: 474 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001153663.1, NP_001147135.1</u>
<b>RefSeq Size:</b>	1966 bp
<b>RefSeq ORF:</b>	477 bp
<b>Locus ID:</b>	60592
<b>UniProt ID:</b>	<u>Q9UIL1</u>
<b>Cytogenetics:</b>	4q31.1
<b>Gene Summary:</b>	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]