

Product datasheet for **RC228092**

SCOC (NM_001153663) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SCOC (NM_001153663) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SCOC
Synonyms: HRIHFB2072; SCOCO; UNC-69
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC228092 representing NM_001153663
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCGCAGGCGTGTATTCTCGAGTCAGGATTGGCGGGCGAGCGGCTGGGACGGGATGGGATTCTTCTCAC
GGCGCACGTTCTGTGGGCGGAGTGGGCGGAGCTGCCGGGTGAGTTGGTCCAAGTGTCCCGCCTGAGGT
GTCGGCCGGATCCCTCCTTCTCCCGCGCCTCAAGCGGAAGACCATTCTCAAGAATTTGTATCCAAGG
CCAAAAAGTTTGTACCCAAGATGATGAATGCTGACATGGATGTTGATGCTGAAAATCAAGTGGAAGTGG
AGGAAAAACAAGACTTATTAATCAAGTGTGGAACCTCAACACACACTGAAGATCTCTCTGCAAGAGT
AGATGCAGTTAAGGAAGAAAATCTGAAGCTAAAATCAGAAAACCAAGTCTTGGACAATATAGAAAAT
CTCATGTCAGCTTCTAGTGTTTTCAAACAACCTGACACAAAAAGCAAAAGAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC228092 representing NM_001153663
Red=Cloning site Green=Tags(s)

MRRRVFSSQDWRASGWDGMGFFSRRTFCGRSGRSCRQQLVQVSRPEVSAGSLLLPAQAEHDSSRILYPR
PKSLLPKMMNADMVDAENQVELEEKTRLINQVLELQHTLEDLSARVDVAVKEENLKLKSENQVLGQYIEN
LMSASSVFQTTDTKSKRK

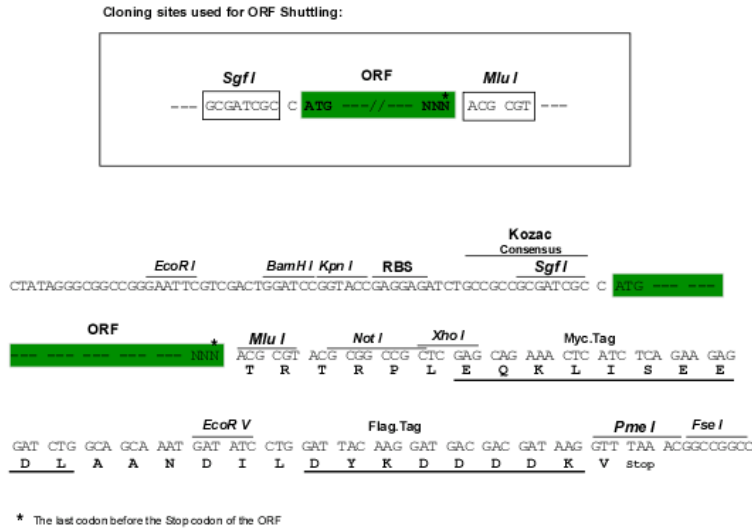
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

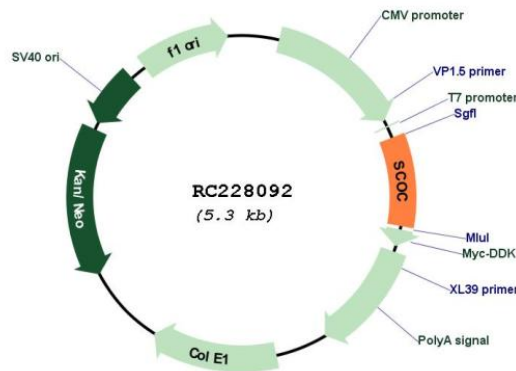


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Cloning Scheme:



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.

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:	<u>NM_001153663.1, NP_001147135.1</u>
RefSeq ORF:	477 bp
Locus ID:	60592
UniProt ID:	<u>Q9UIL1</u>
Cytogenetics:	4q31.1
MW:	17.8 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]