

## Product datasheet for RC217663

### SCGB1C1 (NM\_145651) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SCGB1C1 (NM\_145651) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** SCGB1C1  
**Synonyms:** RYD5  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC217663 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAAGGGGAGCCGTGCCCTCCTGCTGGTGGCCCTCACCTGTTCTGCATCTGCCGGATGGCCACAGGGG  
AGGACAACGATGAGTTTTTCATGGACTTCTGCAAACACTACTGGTGGGACCCAGAGGAGCTCTATGA  
GGGGACCTTGGGCAAGTACAATGTCAACGAAGATGCCAAGGCAGCAATGACTGAACTCAAGTCCTGCAGA  
GATGGCCTGCAGCAATGCACAAGCGGAGCTGGTCAAGCTGCTGGTCAAGTGCTGGGCAGTCAGGACG  
GTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC217663 protein sequence  
Red=Cloning site Green=Tags(s)

MKGSRALLLVALTLFCICRMATGEDNDEFFMDFLQTLVGTPEELYEGTLGKYNVNEAKAAMTELKSCR  
DGLQPMHKAELVKLLVQLGSQDGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6445\\_a10.zip](https://cdn.origene.com/chromatograms/mk6445_a10.zip)

**Restriction Sites:** Sgfl-MluI

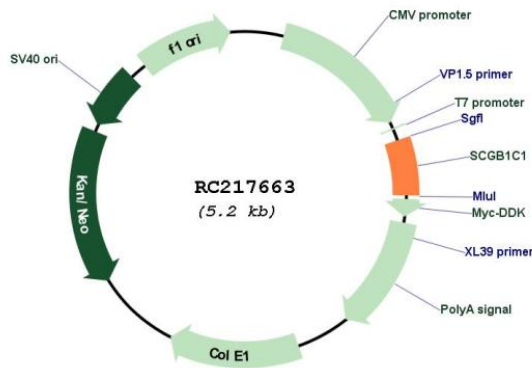


[View online »](#)

Cloning Scheme:



Plasmid Map:

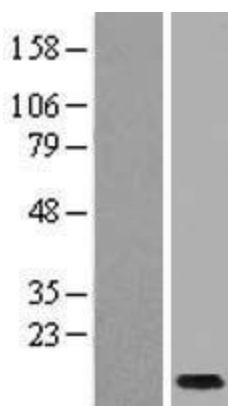


ACCN: NM\_145651

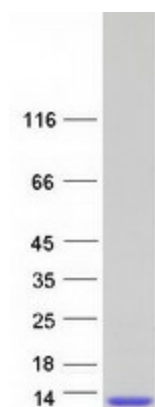
ORF Size: 285 bp

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.
RefSeq:	<a href="#">NM_145651.1</a> , <a href="#">NM_145651.2</a> , <a href="#">NP_663626.1</a> , <a href="#">NP_663626.2</a>
RefSeq Size:	431 bp
RefSeq ORF:	288 bp
Locus ID:	147199
Protein Families:	Secreted Protein
MW:	10.5 kDa

**Product images:**

Western blot validation of overexpression lysate (Cat# [LY407914]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC217663 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified SCGB1C1 protein (Cat# [TP317663]). The protein was produced from HEK293T cells transfected with SCGB1C1 cDNA clone (Cat# RC217663) using MegaTran 2.0 (Cat# [TT210002]).