

## Product datasheet for **RG231260**

### **SCHIP1 (NM\_001197107) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SCHIP1 (NM_001197107) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SCHIP1
Synonyms:	SCHIP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG231260 representing NM\_001197107  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGAGGTCCGGGCAGCGTGTACAACGTGGGACTGTGACCAGGGCAAGCACTCTGACAGTGATTACC  
 GAGAGGATGGGATGGATCTAGGCAGTGACGCCGCGCAGCAGCAGCAGCAGCCGCGCCAGTTCACAGTC  
 CAACTCCACCAAAGTGACCCCTTCTCCGAGTGCAAATCTTCATCGTCGCCGGGGGCGAGCCTGGACTTG  
 GTGTCTGCCCTGGAGGACTATGAGGAGCCCTTCCCGGTCTACCAGAAGAAGGTGATTGATGAGTGGGCGC  
 CGGAGGAGGACGGGGAGGAGGAGGAAGAGGAGGACGAGCGCACCAGCGAGGGTACCGGGATGACCGCTC  
 TCCGGCCCGGGAACCGGGGACGTAAGCGCCAGGACCCGACGCGCGCGCGGGGGGCGAGGAGCGCCACC  
 ACCGCCATGCCGCCCGGTGCCAACGGCAACCTCCACCAGCACGACCCCGAGGACCTCAGGCACAATG  
 GCAACGTGGTGGTGGCTGGCCGGCCGAGCTGTTCCGGGGCCCCGCCGGGCGATCCAAAAGCCCCAGCC  
 GGCTGGGGGCGCGCAGTGGCCGCGGCCGGCGGCTGGGGGGCTCTGCCTTCAGCCCCAGACGGCGGG  
 ACGTGCCTCCCGAAGAGCCCCGGTGCCACCTATGGATTGGGAGGCGCTGGAGAAGCATCTGGCCGGGC  
 TGCAGTTCGGGAGCAGGAGGCACAGAAAAATGAGAGAGAGTCTATCAGACAGAAGTTGGCACTTGGAA  
 CTTCTTTGATGATGGCCAGGAATTTATACCAGCTGTAGCAAAGTGGGAAGCCAAGCCTTTCTCCCGA  
 CTGCAGAGTGGGATGAACCTGCAGATATGCTTTGTCAACGACAGTGGCAGTGATAAGGACAGTGTGCTG  
 ATGACAGTAAGACTGAAACCAGCTTGGACACCCCTTGTCTCCCATGAGCAAACAGAGTTCTTCTATTC  
 TGATAGAGACTACTGAAGAGGAGTCTGAATCCTTGGATGACATGGACTTCCTTACAAGGCAAAAGAAA  
 TTGCAAGCTGAAGCAAAATGGCCCTTGCCATGGCCAAACCAATGGCCAAATGCAAGTGAAGTGGAGA  
 AACAGAACAGGAAAAAGTCTCCCGTCGCTGATCTTCTGCCACACATGCCTCATATAAGTGAATGCTTGAT  
 GAAAAGAAGTTTAAAACCCACCGACTGAGAGACATGACTATTGGGCAGCTACAAGTGATAGTCAATGAT  
 CTCCATTCAGATAGAAAGCTTGAATGAAGAGTTGGTCCAGCTGCTTCTCATCCGAGATGAGCTGCACA  
 CAGAGCAGGATGCCATGCTGGTGGACATTGAAGACTTGACCAGACATGCTGAAAGTCAGCAGAAGCACAT  
 GGCAGAGAAAAATGCCTGCAAAAG

**ACGCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>RG231260 representing NM\_001197107  
 Red=Cloning site Green=Tags(s)

MERSGQRVTTWDCDQGHSDSDYREDGMDLGS DAGSSSSSRASSQSNTKVTPCSEKSSSSPGGSLDL  
 VSALEDYEEFPVYQKKVIDEWAPEEDGEEEEEEDERDQRYRDDRSPAREPGDVSARTRSGGGGRSAT  
 TAMP PVPNGNLHQHDPQDLRHNGNVV VAGRPSCSRGPRRAIQKPQAGGRRSGRPAAGGLCLQPPDGG  
 TCVPEEPPVPPMDWEALEKHLAQLQFREQE AQKNERESIRQKLALGSFFDDGPGIYTSCKSGKPSLSSR  
 LQSGMNLQICFVNDSGSDKSDADDSKTE TSLDTPLSPMSKQSSSYSDRDTTEESESLDDMDFLTRQK  
 LQAEAKMALAMAKPMAKMQVEVEKQNRKSPVADLLPHMPHI SECLMKRSLKPTDLRDMTIGQLQVIVND  
 LHSQIESLNEELVQLLLIRDELHTEQDAMLVDIEDLTRHAESQQKHMAEKMPAK

**TR**TRPLE – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001197107

**ORF Size:** 1422 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.

**RefSeq:** [NM\\_001197107.1](#), [NP\\_001184036.1](#)

**RefSeq Size:** 2608 bp

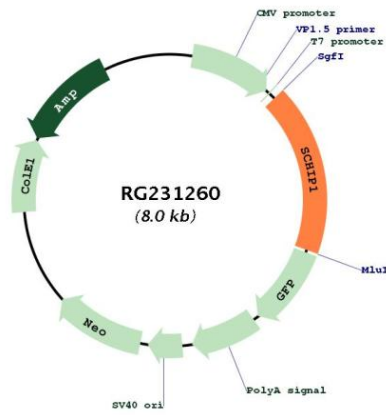
**RefSeq ORF:** 1425 bp

**Locus ID:** 29970

**UniProt ID:** [Q9P0W5](#)

Cytogenetics: 3q25.32-q25.33

Product images:



Circular map for RG231260