

Product datasheet for **RG206269**

SCHIP1 (NM_014575) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCHIP1 (NM_014575) 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)



[View online »](#)

ORF Nucleotide Sequence:

>RG206269 representing NM_014575
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAGGTCCGGGCAGCGTGTACAACGTGGGACTGTGACCAGGGCAAGCACTCTGACAGTGATTACC
 GAGAGGATGGGATGGATCTAGGCAGTGACGCCGGCAGCAGCAGCAGCAGCAGCCGCCAGTTCACAGTC
 CAACTCCACCAAAGTGACCCCTTCTCCGAGTGCAAATCTTCATCGTCGCCGGGGGAGCCTGGACTTG
 GTGTCTGCCCTGGAGGACTATGAGGAGCCCTCCCGGTCTACCAGAAGAAGGTGATTGATGAGTGGGCGC
 CGGAGGAGGACGGGGAGGAGGAGGAAGAGGAGGACGAGCGCACCAGCGAGGGTACCGGGATGACCGCTC
 ACCGGCCCGGAACCGGGGACGTAAGCGCCAGGACCCGACGCGCGCGGGGGGAGGAGCGCCACC
 ACCGCCATGCCGCCCGGTGCCAACGGCAACCTCCACCAGCACGACCCCGAGGACCTCAGGCACAATG
 GCAACGTGGTGGTGGCTGGCCGGCCGAGCTGTTCCGGGGCCCGGGCGATCCAAAAGCCCGAGCCGGC
 TGGGGCCCGCGCAGTGGCCGGCCCGGGCGCTGGGGGCTCTGCCTTCAGCCCCAGACGGCGGGGACG
 TCGCTCCCGAAGAGCCCGGTGCCACCTATGGATTGGGAGGCGCTGGAGAAGCATCTGGCCGGGCTGC
 AGTTCCGGGAGCAGGAGGTACGGAACAGGGCCAGGCGAGGACCACTCCACCTCCGCACAGAAAAATGA
 GAGAGAGTCTATCAGACAGAAGTTGGCACTTGGAAAGCTTCTTTGATGATGGCCAGGAATTTATACCAGC
 TGTAGCAAAGTGGAAAGCCAAGCCTTCTCCGACTGCAGAGTGGGATGAACTTGAGATATGCTTTG
 TCAACGACAGTGGCAGTGATAAGGACAGTGTGCTGATGACAGTAAGACTGAAACCAGCTTGACACCCC
 CTTGTCTCCATGAGCAAACAGAGTTCTTCTATTCTGATAGAGACACTACTGAAGAGGAGTCTGAATCC
 TTGGATGACATGGACTTCTTACAAGGCAAAAGAAATTGCAAGCTGAAGCCAAAATGGCCCTTGCCATGG
 CCAAACCAATGGCCAAAATGCAAGTGAAGTGGAGAAACAGAACAGGAAAAAGTCTCCCGTCCGATGCT
 TCTGCCACACATGCCTCATATAAGTGAATGCTTGATGAAAAGAAGTTTAAAACCCACCGACTGAGAGAC
 ATGACTATTGGGAGCTACAAGTATGATCAATGATCTCCATTCCAGATAGAAAGCTTGAATGAAGAGT
 TGGTCCAGCTGCTTCTATCCGAGATGAGCTGCACACAGAGCAGGATGCCATGCTGGTGGACATTGAAGA
 CTTGACCAGACATGCTGAAAGTCAGCAGAAGCACATGGCAGAGAAAATGCCTGCAAAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG206269 representing NM_014575
 Red=Cloning site Green=Tags(s)

MERSGQRVTTWDCDQGHSDSDYREDGMDLGS DAGSSSSSRASSQSNTKVTPCSEKSSSSPGGSLDL
 VSALEDYEEFPVYQKKVIDEWAPEEDGEEEEEEDERDQRYRDRSPAREPGDVSARTRSGGGGRSAT
 TAMP PPPVPNGNLHQHDPQDLRHNGNVV VAGRPSCSRGRRAIQKQPAGGRRSGRGAAGGLCLQPPDGGT
 CVPEEPPVPPMDWEALEKHLAGLQFREQEVRNQQARTNSTSAQKNERESIRQKLALGSFFDDGPGIYTS
 CSKSGKPSLSSRLQSGMNLQICFVNDSGSKDSDADDSKTETSLDTPLSPMSKQSSYSDRDTEEESES
 LDDMDFLTRQKQLQAEAKMALAMAKPMQVEVEKQNRKSPVADLLPHMPHISECLMKRSLKPTDLRD
 MTIGQLQVIVNDLHSQIESLNEELVQLLLIRDELHTEQDAMLVDIEDLTRHAESQKQKMAEKMPAK

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_014575

ORF Size: 1458 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_014575.1](#), [NP_055390.1](#)

RefSeq Size: 2112 bp

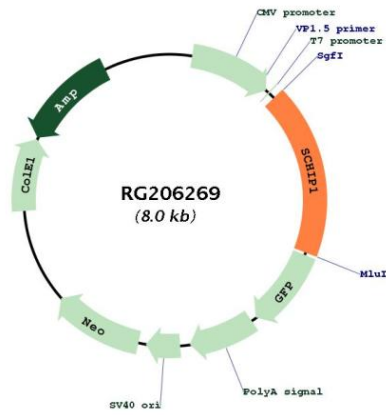
RefSeq ORF: 1464 bp

Locus ID: 29970

UniProt ID: [Q9P0W5](#)

Cytogenetics: 3q25.32-q25.33

Product images:



Circular map for RG206269