

Product datasheet for **RG230786**

SCHIP1 (NM_001197109) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCHIP1 (NM_001197109) 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)
ORF Nucleotide Sequence:	>RG230786 representing NM_001197109 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTACATCAGGATAACTGCTCGTATCAGGCACAGAAAATGAGAGAGAGTCTATCAGACAGAAGTTGG
CACTTGGAAAGCTTCTTTGATGATGGCCAGGAATTTATACCAGCTGTAGCAAAGTGGGAAGCCAAGCCT
TTCCTCCCGACTGCAGAGTGGGATGAACCTGCAGATATGCTTTGTCAACGACAGTGGCAGTGATAAGGAC
AGTGATGCTGATGACAGTAAGACTGAAACCAGCTTGGACACCCCTTGTCTCCCATGAGCAAACAGAGTT
CTTCCTATTCTGATAGAGACACTACTGAAGAGGAGTCTGAATCCTTGGATGACATGGACTTCCTTACAAG
GCAAAGAAATTGCAAGCTGAAGCCAAAATGGCCCTTGCCATGGCCAAACCAATGGCCAAAATGCAAGTA
GAAGTGGAGAAACAGAACAGGAAAAAGTCTCCCGTCGCTGATCTTCTGCCACACATGCCTCATATAAGTG
AATGCTTGATGAAAAGAAGTTTAAAACCCACCGACCTGAGAGACATGACTATTGGGCAGCTACAAGTGAT
AGTCAATGATCTCCATCCAGATAGAAAGCTTGAATGAAGAGTTGGTCCAGCTGCTTCTCATCCGAGAT
GAGCTGCACACAGAGCAGGATGCCATGCTGGTGGACATTGAAGACTTGACCAGACATGCTGAAAGTCAGC
AGAAGCACATGGTAGAGAAAATGCCTGCAAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG230786 representing NM_001197109
Red=Cloning site Green=Tags(s)

MVHQDNCSYQAQKNERESIRQKLALGSSFFDDGPGIYTSCKSGKPSLSSRLQSGMNLQICFVNDSGSDKD
SDADDSKTETSLDTPSPMSKQSSYSRDTTEEESESLDDMDFLTRQKKLQAEAKMALAMAKPMAKMV
EVEKQNRKSPVADLLPHMPHISECLMKRSLKPTDLRDMTIGQLQVIVNDLHSQIESLNEELVQLLLIRD
ELHTEQDAMLVDIEDLTRHAESQQKHMVEKMPAK

TRTRPLE - GFP Tag - V

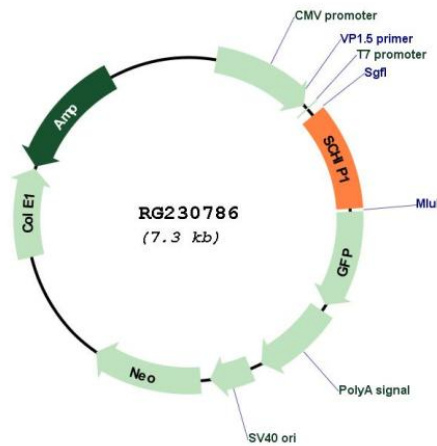
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001197109

ORF Size: 732 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:	NM_001197109.1 , NP_001184038.1
RefSeq Size:	1668 bp
RefSeq ORF:	735 bp
Locus ID:	29970
UniProt ID:	Q9P0W5
Cytogenetics:	3q25.32-q25.33