OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC206269

SCHIP1 (NM_014575) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCHIP1 (NM_014575) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SCHIP1
Synonyms:	SCHIP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC206269 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGAGGTCCGGGCAGCGTGTTACAACGTGGGACTGTGACCAGGGCAAGCACTCTGACAGTGATTACC
GAGAGGATGGGATGGATCTAGGCAGTGACGCCGGCAGCAGCAGCAGCAGCCGCGCCAGTTCACAGTC
CAACTCCACCAAAGTGACCCCTTGCTCCGAGTGCAAATCTTCATCGTCGCCGGGGGGCAGCCTGGACTTG
GTGTCTGCCCTGGAGGACTATGAGGAGCCCTTCCCGGTCTACCAGAAGAAGGTGATTGATGAGTGGGCGC
CGGAGGAGGACGGGGAGGAGGAGGAAGAGGAGGACGAGCGCGACCAGCGAGGGTACCGGGATGACCGCTC
ACCGGCCCGGGAACCGGGGGACGTAAGCGCCAGGACCCGCAGCGGCGGCGGCGGGGGCAGGAGCGCCACC
ACCGCCATGCCGCCCCCGGTGCCCAACGGCAACCTCCACCAGCACGACCCCCAGGACCTCAGGCACAATG
GCAACGTGGTGGTGGCTGGCCGGCCGAGCTGTTCCCGGGGCCGCCGGGCGATCCAAAAGCCCCAGCCGGC
TGGGGGCCGGCGCAGTGGCCGCGGCCCGGCGGCTGGGGGGCTCTGCCTTCAGCCCCCAGACGGCGGGACG
TGCGTCCCCGAAGAGCCCCCGGTGCCACCTATGGATTGGGAGGCGCTGGAGAAGCATCTGGCCGGGCTGC
AGTTCCGGGAGCAGGAGGTACGGAACCAGGGCCAGGCGAGGACCAACTCCACCTCCGCACAGAAAAATGA
GAGAGAGTCTATCAGACAGAAGTTGGCACTTGGAAGCTTCTTTGATGATGGCCCAGGAATTTATACCAGC
TGTAGCAAAAGTGGAAAGCCAAGCCTTTCCTCCCGACTGCAGAGTGGGATGAACTTGCAGATATGCTTTG
TCAACGACAGTGGCAGTGATAAGGACAGTGATGCTGATGACAGTAAGACTGAAACCAGCTTGGACACCCC
CTTGTCTCCCATGAGCAAACAGAGTTCTTCCTATTCTGATAGAGACACTACTGAAGAGGAGTCTGAATCC
TTGGATGACATGGACTTCCTTACAAGGCAAAAGAAATTGCAAGCTGAAGCCAAAATGGCCCTTGCCATGG
CCAAACCAATGGCCAAAATGCAAGTAGAAGTGGAGAAACAGAACAGGAAAAAGTCTCCCGTCGCTGATCT
TCTGCCACACATGCCTCATATAAGTGAATGCTTGATGAAAAGAAGTTTAAAACCCACCGACCTGAGAGAC
ATGACTATTGGGCAGCTACAAGTGATAGTCAATGATCTCCATTCCCAGATAGAAAGCTTGAATGAAGAGT
TGGTCCAGCTGCTTCTCATCCGAGATGAGCTGCACACAGAGCAGGATGCCATGCTGGTGGACATTGAAGA
CTTGACCAGACATGCTGAAAGTCAGCAGAAGCACATGGCAGAGAAAATGCCTGCAAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206269 protein sequence
Red=Cloning site Green=Tags(s)

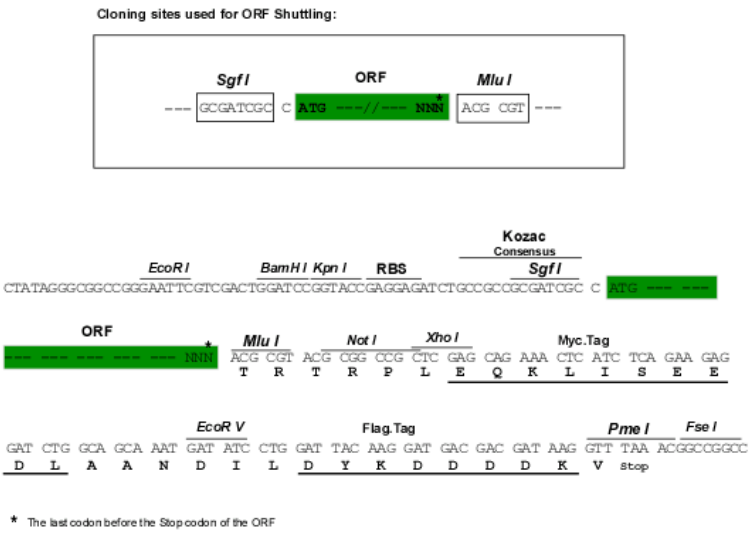
MERSGQRVTTWDCDQGKHSDSDYREDGMDLGSDAGSSSSSSRASSQSNSTKVTPCSECKSSSSPGGSLDL
VSALEDYEEPFPVYQKKVIDEWAPEEDGEEEEEEDERDQRGYRDDRSPAREPGDVSARTRSGGGGGRSAT
TAMPPPVPNGNLHQHDPQDLRHNGNVVVAGRPSCSRGRRAIQKPQPAGGRRSGRGPAAGGLCLQPPDGGT
CVPEEPPVPPMDWEALEKHLAGLQFREQEVRNQGQARTNSTSAQKNERESIRQKLALGSFFDDGPGIYTS
CSKSGKPSLSSRLQSGMNLQICFVNDSGSDKDSDADDSKTETSLDTPLSPMSKQSSSYSDRDTTEEESES
LDDMDFLTRQKKLQAEAKMALAMAKPMAKMQVEVEKQNRKKSPVADLLPHMPHISECLMKRSLKPTDLRD
MTIGQLQVIVNDLHSQIESLNEELVQLLLIRDELHTEQDAMLVDIEDLTRHAESQQKHMAEKMPAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6319_h09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_014575

ORF Size: 1392 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_014575.3, NP_055390.1

RefSeq Size: 2647 bp

RefSeq ORF: 1464 bp

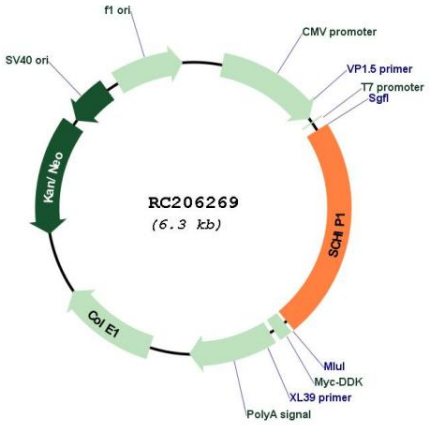
Locus ID: 29970

UniProt ID: Q9P0W5

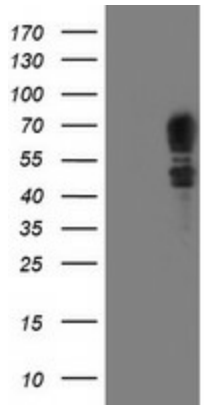
Cytogenetics: 3q25.32-q25.33

MW: 53.4 kDa

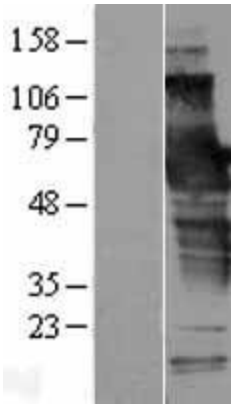
Product images:



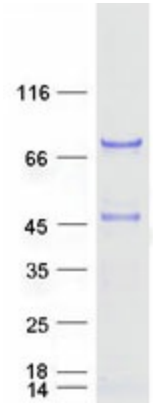
Circular map for RC206269



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SCHIP1 (Cat# RC206269, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SCHIP1(Cat# [TA504438]). Positive lysates [LY415194] (100ug) and [LC415194] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY415194]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC206269 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified SCHIP1 protein (Cat# [TP306269]). The protein was produced from HEK293T cells transfected with SCHIP1 cDNA clone (Cat# RC206269) using MegaTran 2.0 (Cat# [TT210002]).