

## Product datasheet for **MR229997**

### Schip1 (NM\_001282045) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Schip1 (NM_001282045) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Schip1
Synonyms:	Nf2ip; Schip-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>MR229997 representing NM\_001282045  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATCTAGGCAGTGACGCCGGCAGCAGCAGCAGCAGCCGCGCCAGCTACAATCCAATCCACCAAAG  
 TGACCCCTTGCTCCGAGTGCAAATCCTCATCGTCGCCGGGGGTAGCTTGACTTGGTGTCTGCTCTGGA  
 AGACTATGAAGAGCCCTCCCGGTCTACCAAGAAGGTGATTGATGAGTGGGCTCCGGAGGAGGACGGG  
 GAGGAGGAGGAAGAGGAGGACGATCGAGGGTATCGGGATGACGGGTGTCCGGCCCGGAGCCGGGGACG  
 TGAGCGCCAGGATCGGCAGCAGCGGCAGCGGGAGCAGGAGCGCCGCCACCACCATGCCGTCCCCGATGCC  
 TAACGGCAACCTCCATCCGCACGACCTCAAGACCTCAGGCACAATGGCAACGTGGTGGTAGCTGGCCGG  
 CCGAACGCCTCTCGGTTCCCGCGCACCATCCAGAAGCCAGCCTCCAGGGAGCCGGCGCGGAGGCC  
 GAAACCGGCATCTGGGGCCTCTGCCTCAGCCACCGGACGGCGGGACGCGGGTCCCGGAAGAACCC  
 TGGCCCCCAATGGACTGGGAGCATTGAAAAGCATCTGGCCGGGCTGCAGTTCGGGAGCAGGAGGTG  
 CGAAACCAGGGTCAGGCGAGGACCAACTCCACCTCTGCACAGAAGATGAGAGAGAGTCTATCAGACAGA  
 AGTTGGCACTCGGAAGCTTCTTTGACGATGGCCAGGAATCTATACCAGCTGCAGCAAAAGTGGGAAGCC  
 AAGCCTTTCTGCAAGACTACAGAGCGGGATGAACCTCCAGATATGCTTTGTCAATGACAGCGCAGTGAC  
 AAGGACAGCGATGCGATGACAGTAAGACGGAACCCAGCTTGACACGCCCTTGTCCTCCCATGAGCAAGC  
 AGAGTTCTTCTATTTCGGATAGAGACAACTGAGGAGGAGTCTGAATCCCTGGATGACATGGACTTCT  
 CACAAGGCAAAAGAAGCTACAAGCTGAAGCCAAAATGGCTCTGGCCATGGCCAAACCAATGGCCAAAATG  
 CAAGTAGAAGTGGAAAAACAGAACAGGAAAAAGTCTCCCGTCGCTGATCTTCTCCACACATGCCTCACA  
 TAAGCGAATGTTGATGAAAAGAAGCTTAAAGCCACCGACCTGAGAGACATGACTATCGGGCAGCTACA  
 AGTGATCGTCAATGACCTCCACTCCAGATTGAAAGTTGAATGAAGAGTTGGTCCAGCTGCTCCTTATT  
 CGAGATGAGCTGCACACAGAACAAGATGCCATGCTGGTGGACATTGAAGACTTGACTAGACACGCTGAGA  
 GTCAGCAGAAGCACATGGCTGAGAAAATGCCCGCGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR229997 representing NM\_001282045  
 Red=Cloning site Green=Tags(s)

MDLGSDAGSSSSSRASSQSNSTKVTPCSECKSSSSSPGGSLLDLSALEDYEEFPVYQKKVIDEWAPEEDG  
 EEEEEEDDRGYRDDGCPAREPGDVSARIGSSGSGSRAATMPSPMPNGNLHPHPDQDLRHNGNVVAGR  
 PNASRVPRRIQKTQPPGSRGRNRASGGLCLQPPDGGTRVPEEPPAPPMDWEALEKHLAGLQFREQEV  
 RNQGQARTNSTSAQKNERESIRQKLALGSFFDDGPGIYTSKSKSGKPSLSARLQSGMNLQICFVNDSSGD  
 KDSADDSKTETSLDTPLSMMSKQSSSYSDRDTTEEESESLDDMDFLTRQKQLQAEAKMALAMAKPMAK  
 QVEVEKQNRKSPVADLLPHMPHISECLMKRSLKPTDLRDMTIGQLQVI VNDLHSQIESLNEELVQLLLI  
 RDELHTEQDAMLVDIEDLTRHAESQKHMMAEKMPAK

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

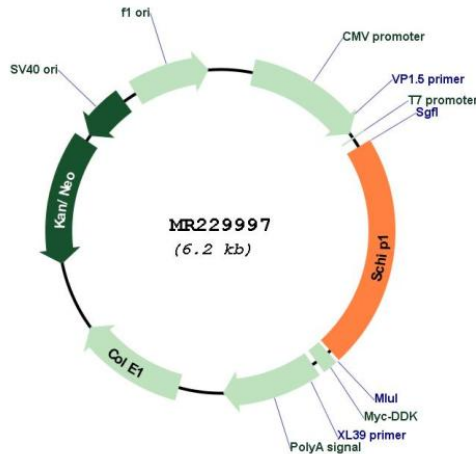
**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001282045

ORF Size: 1368 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\\_001282045.1](#), [NP\\_001268974.1](#)

**RefSeq Size:** 2060 bp

**RefSeq ORF:** 1371 bp

**Locus ID:** 30953

**UniProt ID:** [P0DPB4](#)

**Cytogenetics:** 3 E1

**MW:** 50.4 kDa