

## Product datasheet for **RC227549**

### **SVOPL (NM\_001139456) Human Tagged ORF Clone**

#### **Product data:**

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                         |
| Product Name:             | SVOPL (NM_001139456) Human Tagged ORF Clone |
| Tag:                      | Myc-DDK                                     |
| Symbol:                   | SVOPL                                       |
| Mammalian Cell Selection: | Neomycin                                    |
| Vector:                   | pCMV6-Entry (PS100001)                      |
| E. coli Selection:        | Kanamycin (25 ug/mL)                        |



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**ORF Nucleotide Sequence:**

>RC227549 representing NM\_001139456  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCAACCAAGCCAACAGAGCCTGTACGATCCTCAGCCTTCGAAATTGAGCCTGGGACCCGAGAGC  
 CACAGGTTAAAGAGCCAAAGACGTTACCGTGGAAAGATGCAGTGGAGACTATCGGCTTCGGCGTTTCCA  
 CATTGCCCTCTTTCTGATCATGGCAGTACTGGGTGGTTGAGGCCATGGAGATCATGTTGATAGCTGTT  
 GTGTCTCTGTATCCGCTGTGAATGGCAACTGGAGAATTGGCAGGTGGCATTAGTAACCACGATGGTGT  
 TTTTGGCTACATGGTTTTAGTATCCTCTTGGCCTCCTGGCTGACAGATATGGCCGCTGGAAGATTCT  
 GCTCATCTCGTTCCTGTGGGAGCCTATTTCTCCTTGCTGACCTCGTTTCTCCTTCGTACATCTGGTTT  
 GTCTTCTGCGGACGATGGTGGCTGTGGTGTGTCGGCCACTCGCAAGGGTTAATCATAAAGACTGAAT  
 TTTTGGCCACGAAATACCGAGGCTATATGTTACCCTTGCTCAGGTGTTCTGGCTTGGGGCTCCCTGCT  
 CATCATTGGCTTGGCCTCTGTGATCATCCCAACATCGGGTGGCGCTGGCTCATTGCGTGCCTCCATC  
 CCGGGCATCATCCTCATGTGGCCTCAAGTTTATTCCTGAATCTGCCCGTTCAATGTCTCCACTGGGA  
 ACACTCGGGCTGCCCTGGCCACTCTGGAGCGCTTGC AAGATGAACCGCTCGGTATGCCGGAGGGGAA  
 GCTGGTGGAGCCCGTCTGGAAAAAGAGGAAGATTTGCAGACCTATTGGATGCTAAATATTTACGGACC  
 ACATTACAGATCTGGGTATATGGCTTGGAAATCTCTTTGCTACTATGGGGTTATCCTGGCCAGTGCTG  
 AGCTGTGGAGCGGGACTTGGTCTGTGGTTCAAAGTCAAGTCTGCGGTGGTGGTACTGGGGGGGACTC  
 AGGGGAGAGCCAGAGCCCTGCTACTGCCACATGTTGCACCCTGACTATCGGACCATGATCATCAGC  
 ACCATCGGTGAAATTGCTTTGAATCCTTTAAATATACTGGGCATCAATTCCTGGGAAGACGGCTGAGCC  
 TTTCTATTACCATGGGATGCACGGCTTTATTCTCCTTCAACATTTGCACTTCAAGTGGCCGCT  
 GATTGGCTTCTCTTTCATGCTGAGGGCTCTGGTAGCTGCAAACTTCAACACCGTCTACATTTACACAGCT  
 GAGGTCTACCCACACGATGCGCGCTTTGGGGATGGGAACAGCGGCTCCCTGTGTCGATTGGTGCAA  
 TGGTGGCACCATTATATCCAGGTTCTTATGAGTGCATCAATACTGGGGCCCTGTGTCTCTTCTCATC  
 TGTCTGTGTTGTATGCGCCATTCTGCATTCACTCTCCCATCGAAACCAAGGACGGGCCCTCCAGCAA  
 ATTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC227549 representing NM\_001139456  
 Red=Cloning site Green=Tags(s)

MATKPTEPVITILSLRKL SLGTAEPQVKEPKTFTVEDAVETIGFGRFHIALFLIMGSTGVVEAMEIMLIAV  
 VSPVIRCEWQLENWQVALVTTMVFFGYMVSILFGLLADRYGRWKILLISFLWGAYFSLLTSFAPSYIWF  
 VFLRTMVGCGVSGHSQGLIIKTEFLPTKYRGMPLSQVFWLAGSLLIIGLASVVIPTIGWRWLIRVASI  
 PGIILIVAFKFIPE SARFNVSTGNTRAALATLERVAKMNR SVMPEGKLV E PVLKRGRAFADLLDAKYLR  
 TLQIWIWLGISFAYYG VILASAE LLERDLVCGSKSDSAVVVTGGDSGESQSPCYCHMFAPSDYRTMIIS  
 TIGEIALNPLNILGINFLGRRLSLITMGCTALFFLLNICTSSAGLIGFLFMLRALVAANFNTVYIYTA  
 EYVPTMRALGMGTSGSLCRIGAMVAPFISQVLSASILGALCLFSSVCVCAISAFTLPIETKGRALQQ  
 IK

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8063\\_c03.zip](https://cdn.origene.com/chromatograms/mk8063_c03.zip)

**Restriction Sites:**

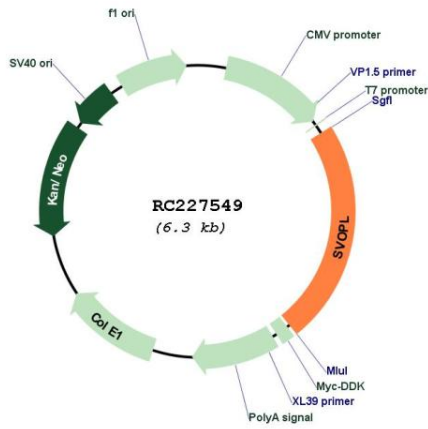
Sgfl-MluI



**MW:** 53.8 kDa

**Gene Summary:** The protein encoded by this gene is thought to be a member of solute carrier family 22, which includes transmembrane proteins that transport toxins and drugs from the body. This gene is a paralog of the SVOP gene that encodes synaptic vesicle 2-related protein. [provided by RefSeq, Sep 2016]

**Product images:**



Circular map for RC227549