

Product datasheet for **SC100832**

SVOP (NM_018711) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SVOP (NM_018711) Human Untagged Clone
Tag:	Tag Free
Symbol:	SVOP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC100832 sequence for NM_018711 edited (data generated by NextGen Sequencing)

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ATGGAGGAGGACTTATTCCAGCTAAGGCAGCTGCCGTTGTGAAATTCGTCGCACAGGC
GAGAGTGCAAGGTCAGAGGACGACACGGCTTCAGGAGAGCATGAAGTCCAGATTGAAGGG
GTCCACGTGGGCCTAGAGGCTGTGGAGCTGGATGATGGGGCAGCTGTGCCAAGGAGTTT
GCCAATCCCACTGATGATACTTTTCATGGTGAAGATGCAGTGAAGCCATTGGCTTTGGA
AAATTTTCAGTGAAGCTGTCTGTTCTCACTGGCTTGGCTTGGATGGCTGATGCCATGGAG
ATGATGATCCTCAGCATCCTGGCACACAGCTGCATTGCGAGTGGAGGCTCCCAAGCTGG
CAGGTGGCATTGCTGACCTCGGTGGTCTTTGTAGGCATGATGTCCAGCTCCACGCTCTGG
GGAAATATCTCAGACCAGTACGGCAGGAAAACAGGGCTGAAGATCAGCGTGCTGTGGACT
CTGTACTATGGCATCCTTAGTGATTTGCGCCCGTGTATAGCTGGATCCTGGTGCTCCGG
GGCCTGGTGGGCTTCGGGATCGGAGGAGTTCCCAAGTGGTGACGCTGTATGCCGAGTTC
CTTCCCATGAAAGCCAGAGCTAAATGTATTTTGTCTGATTGAGGTATTCTGGGCCATCGGG
ACAGTGTTTCGAGGTCGTCTGGCTGTGTTCTGTGATGCCAGCCTGGGCTGGCGTTGGCTG
CTCATCCTCTCAGCTGTCCCGCTCCTCCTTTGCCGTGCTGTGTTTCTGGCTGCCTGAA
AGTGCAAGGTATGATGTGCTGTACAGGGAACAGGAAAAGCAATCGCCACCTTAAAGAGG
ATAGCAACTGAAAACGGAGCTCCCATGCCGCTGGGGAACTCATCATCTCCAGACAGGAA
GACCGAGGCAAAATGAGGGACCTTTTACACCCCATTTTAGATGGACAACCTTTGTGCTG
TGGTTTATATGTTTTTCAATGCATTCTTACTACGGGTTAGTTCTACTACCACAGAA
CTCTTCCAGGCAGGAGATGTCTGCGGCATCTCCAGTCGGAAGAAGGCTGTAGAGGCAAAA
TGCAGCCTGGCCTGCGAGTACCTGAGTGAGGAGGATTACATGGACTTGCTGTGGACCACC
CTCTCTGAGTTTCCAGGTGTCTTGTGACTCTGTGGATTATTGACCGCCTGGGGCGCAAG
AAGACCATGGCCCTGTGCTTTGTCTCTCTCTCTGACGCTCCTGCTGTTTATCTGT
GTTGGAAGAAATGTGCTCACTCTGTTACTCTTTCATTGCAAGAGCGTTTATTTCTGGAGGC
TTTCAAGCGGCATATGTTTACACACCTGAGGTCTACCCACGGCAACGCGGGCCCTCGGC
CTGGGCACCTGCAGCGGCATGGCAAGAGTGGTGCTCTCATCACTCCGTTTCATCGCCAG
GTGATGCTGGAATCCTCTGTGTACCTGACTCTGGCAGTTTACAGTGGCTGCTGCCTCCTG
GCTGCCCTGGCCTCCTGCTTTTGGCCATTGAGACCAAGGCCGAGGACTGCAGGAGTCC
AGCCACCGGGAGTGGGGCCAGGAGATGGTCGGCCGAGGAATGCACGGTGCAGGTGTTACC
AGGTCGAACCTCTGGCTCTCAGGAATAG
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Clone variation with respect to NM_018711.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018711 unedited

```
TGTATACGACTCCTATAGGGCGGCCGAATTCGCACGAGGGGAAAACCGGAGGGCTCGT
CATCCACCACTACCATGTAAGGGCCATGAGAAGGGCTCATCCTGGCGCAGCGCGGACATG
GAGGAGGACTTATTCCAGCTAAGGCAGCTGCCGTTGTGAAATTCGTCGCACAGGCGAG
AGTGCAAGGTCAGAGGACGACACGGCTTCAGGAGAGCATGAAGTCCAGATTGAAGGGGTC
CACGTGGGCCTAGAGGCTGTGGAGCTGGATGATGGGGCAGCTGTGCCAAGGAGTTTGCC
AATCCCACTGATGATACTTTTCATGGTGAAGATGCAGTGAAGCCATTGGCTTTGAAAAA
TTTCAGTGAAGCTGTCTGTTCTCACTGGCTTGGCTTGGATGGCTGATGCCATGGAGATG
ATGATCCTCAGCATCCTGGCACACAGCTGCATTGCGAGTGGAGGCTCCCAAGCTGGCAG
GTGGCATTGCTGACCTCGGTGGTCTTTGTAGGCATGATGTCCAGCTCCACGCTCTGGGGA
AATATCTCAGACCAGTACGGCAGGAAAACAGGGCTGAAGATCAGCGTGCTGTGGACTCTG
TACTATGGCATCCTTAGTGATTTGCGCCCGTGTATAGCTGGATCCTGGTGCTCCGGGGC
CTGGTGGGCTTCGGGATCGGNAGGAGTCCCAAGTGGTGACGCTGTATGCCGAGTTCTCT
CCATGAAACCAGACTAAATGATNTTGTCTGTTTGTGATTTCTGGCCATCGGACAGTNGTCG
AGGTCGTCTGGGCTGTGCTGATGCGCCACCTGGCCNNTGCGTNGCTGCTCATCTCTAGC
TGTCGGCTCCTCTCTTTGCCCGGCTGNGTTCTGGCTGCCTGAAGTGCAGGNATGATGTGC
TGTCAGGGACCCAGAAAAGGCATT
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018711 unedited <pre> GGGACTTGTNNNGNNNNNNNGGCNNNNNNNGGNTTTTTTTNNNNNNATTACTGTGNN ACCNCGGNNCCGATTTCNANGATCGGATTTTTTTTTTTTTTTTCTTGCATGTCCATCA CTNAGCTGTTTAAATAAGAGATGAACGCACAAATTGGCTTCCTTGCAATGTTTACTTCAA GCAGTAGGTCTGTCTGCTCTGGCCTTTGATGGGATCTGCCAGCTTCCCTCCCTCTGTCT ATGTCCCCTGCCTTCACCATGGAAAAAGGCTCAGTAACCAATCCCAAAGTGATGTTGC CCTGCGAGACCACTCAAACCACTGCCCTCCACTGCTCCTTTGAACTATACTTTTAAAA ACCTGAGTCTTTCCACCCTTTTCACTTCCAGGGAGGCTCCTGAAGGAAATCCAGGGGTGG CCTTTGGTAAGGTTAAAACTCCCTGGAAAAAAACCACTTTCCTCAGGAGTCCCGGGGC CCGTTTCCCAAGGAAAAAAGGGGGGGGAAAAACCTTTGGTTTTTGGCCCTTTGGGTTT TCCCCGGCCAAAACAAAACCCCGTTTTTTGTTTTTCCCCAAACCCAGAAAAATTTT TCCCCCAAAAAATTTAAGGGCGGGGGGGGGCCCCCTGTTTATACCCCTTGGGGA CCCCCGGGGATCCTTTTTGGTGGGTTTTTACAACCCCCCCCCCAGGGAAAAACCC TCCCTTCAAAAAAAGGGGGGGGGTTTTCCCCCTTGGGGGGGAGAAAAAAAT ATTTTTCCCCCGCGAAATATTTTTTAAAAAACTCTCTTTC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018711
Insert Size:	3700 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_018711.2, NP_061181.1</u>
RefSeq Size:	3486 bp
RefSeq ORF:	1647 bp
Locus ID:	55530
UniProt ID:	<u>Q8N4V2</u>
Cytogenetics:	12q24.11
Domains:	sugar_tr
Protein Families:	Transmembrane