

Product datasheet for **RN207870**

Svop (NM_134404) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Svop (NM_134404) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Svop
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207870 representing NM_134404
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGAGGACCTGTTCCAGCTCAGGCAGTTGCCGGTGGTGAAATTCGCCGCACAGGAGAGAGCGCAC
 GGTGAGAGGACGACGCGCTTCCGGGGAACATGATGTTTCAGATTGAGGGGTCCGAGTGGGCCTAGAAGC
 TGTCGAGCTGGATGATGGAGCAGCTGTCCCAAGGAGTTTGCCAATCCCACTGATGACACTTTTCATGGTC
 GAAGATGCGGTGGAAGCCATTGGGTTCCGAAGATTCCAGTGGAAGCTCTCTGTTCTACCGGCTTGGCTT
 GGATGGCGGACGCCATGGAGATGATGATTCTGAGCATCCTGGCGCTCAGCTGCACTGTGAGTGGCGACT
 CCCAGCTGGCAGGTGGCGCTGCTGACTTCGGTGGTCTTCATTGGTATGATGTCCAGTTCTACGCTCTGG
 GGAAACATCTCGGATCAGTATGGCAGGAAACAGGGCTGAAGATCAGTGTGTTCTGGACCCTGTACTACG
 GCATCCTCAGCGCTTTCGCGCCAGTGTATAGCTGGATCCTGGTGTCCGAGGCCCTGTGGGCTTTGGGAT
 TGGAGGGTGCCTCAGTCGGTGACCCTGTACGCCGAGTTCCTCCCATGAAGGCCAGAGCCAAGTGCATT
 TTGCTGATTGAGGTTTTCTGGGCCATCGGGACCGTGTTCGAGGTGCTTCTGGCTGTGTTGTGATGCCCA
 GCCTGGGCTGGCCTGGCTGCTGCTGTGCTGCTGCGCCGCTCCACTACTTGTCTTTGTGTTCTGTGTTCTG
 GCTGCCAGAGAGTGCTAGGTACGATGTGCTGTCTGGGAACCAGGAAAAGCGATTGCTACATTAAGCGG
 ATCGCAACAGAAAATGGAGCCCCATGCCTCTGGGAAGCTCATCATCTTGAAACAGGAAGACCGAGGCA
 AAATGAGGGACCTTTTACACCCCACTTTCGTTGGACAACCTGCTGCTGTGTTTATATGGTTCTCCAA
 TGCTTCTCTTATTACGGCTTGGTCTGCTCACCACAGAACTCTCCAGGCCGAGATGTTTGCAGCATC
 TCCAGCCGGAAGAAGCGGTGGAAGCCAAATGCAGCCTGGCTTGTGAGTACCTCAGCAAAGAGGATTACA
 TGGACCTGCTGTGGACCACCCTGTCTGAGTTCAGGTGTCCTTGTGACTCTGTGGGTGATCGACCGCT
 GGGCCGCAAGAAGACCATGGCTCTGTGTTTCGTCATCTTTCCCTCTGCAGCCTCCTGCTGTTTCATCTGC
 ATTGGAAGAAATGTGCTAACCTCTTACTGTTTCATTGCAAGAGCGTTTATTTCTGGAGGCTTCCAAGCAG
 CCTACGTTTACACGCCTGAGGTGATCCAACGCGACGAGGGCGCTGGGCCTGGGCACCTGCAGCGGCAT
 GGCGAGAGTGGGCGCTCATCACTCCATTATAGCTCAGGTGATGCTGGAATCTCCGTGTACCTGACC
 CTGGCCGTCTACAGTGGCTGCTGCCTCCTTGTGCTTGGCTCCTGCTTCTGCCCATCGAGACCAAG
 GCCGAGCACTGCAGGAGTCCAGCCACCGGAGTGGGGCCAGGAGATGTTGGCCAGGGACAAACAGCAC
 AGGCGTCCCCAGGTCGAACCTCTGGCTCTCAGGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_134404

Insert Size: 1647 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_134404.2, NP_599231.2</u>
RefSeq Size:	2264 bp
RefSeq ORF:	1647 bp
Locus ID:	171442
UniProt ID:	<u>Q9Z2I7</u>
Cytogenetics:	12q16
Gene Summary:	localized to synaptic vesicles and microvesicles in brain and endocrine cells; may play a role in synaptic vesicle transport [RGD, Feb 2006]