

## Product datasheet for RN203648

### Spop (NM\_001100496) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spop (NM_001100496) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spop
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203648 representing NM_001100496 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCAAGGGTTCCAAGTCTCCACCTCCGGCAGAAATGTCGAGTGGTCTGTGCTGAGAGCTGGTGCT  
ATACACAGATCAAGGTAGTGAAGTTCTCCTACATGTGGACCATCAATAACTTTAGTTTTGCCGGGAGGA  
AATGGGTGAAGTCATAAAAAGTTCAACTTTTTTCATCAGGACCAATGATAAGCTGAAATGGTGTTCGCA  
GTAACCCGAAGGGCTGGATGAGGAAAGCAAAGATTACCTGTCGCTCTACCTGTTGTTGGTCAGCTGTC  
CAAAGAGTGAGGTTCCGGCCAAGTTCAAGTTCTCCATCCTGAATGCCAAGGGAGAAGAAACCAAAGCTAT  
GGAGAGCCAGCGAGCTTATAGGTTCTGCAAGGCAAGACTGGGGATTCAAAAAATTCATCCGTAGAGAT  
TTTCTCTGGACGAGGCAATGGACTTCTCCCTGATGACAAGCTCACCTCTTCTGCGAGGTGAGTGTAG  
TCCAAGACTCTGTCAATATCTCTGGCAGAATACTATGAACATGGTAAAGTCCCTGAATGCCGGTTGGC  
TGACGAGTTAGGAGGGCTGTGGGAGAACTCTCGATTACAGACTGCTGCTGTGTGTGGCTGGCCAAGAA  
TTCCAGGCTCACAAGGCTATCTTAGCAGCTCGGTCTCCAGTTTTAGTGCATGTTTGAACATGAAATGG  
AGGAGAGCAAAAAGAATCGGGTTGAAATTAACGATGTAGAACCTGAAGTTTTTAAGGAAATGATGTGCTT  
CATCTACACGGGAAGGCACAAACCTTGACAAAATGGCTGATGATTTGCTGGCAGCTGCTGACAAGTAC  
GCCCTGGAGCGTTTGAAGGTCATGTGCGAGGATGCCCTCTGCAGTAACTCTCTGTGGAGAACGCTGCAG  
AGATTCTCATCTGGCTGACCTCCACAGCGCAGATCAGCTGAAAACCCAGGCAGTGGATTTCACTCAACTA  
TCATGTTTCGGATGTCTTGGAGACCTCTGGGTGGAAGTCAATGGTGGTGTACATCCCCACTTAGTGGCA  
GAAGCGTACCGCTCTCTGGCTTCCGCACAATGCCCTTTCTGGGGCCCCCGCAGCAACGCCTGAAGCAAT  
CCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001100496



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<b>Insert Size:</b>	1125 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001100496.1</a></u> , <u><a href="#">NP_001093966.1</a></u>
<b>RefSeq Size:</b>	2444 bp
<b>RefSeq ORF:</b>	1125 bp
<b>Locus ID:</b>	287643
<b>Cytogenetics:</b>	10q26