

## Product datasheet for RN200629

### Sypc2 (NM\_130735) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sypc2 (NM_130735) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sypc2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200629 representing NM_130735 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGGATCGCC

ATGCCAGTGAGACCAGACCCCAACAGTTAGAAAAGTGTATTGATGATGCTTTGAGAAAAACGACTTCA  
AGCCTTTGGTGACACTTTTACAAATTGATATTTGTGAAGATGTGAAGATTAATGCAGCAAACAATTCCT  
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AAGGATTAGTCCAAAAGATGGTTTCTGGTTTGAAAATCCAAGGAGATTATTCTGAGTCAGCGACAATC  
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CTAGTACCAGAAAAGTCAACCATCTCCAGTCAAAGAAAACCTCATCTAAAAGAGAAAATCTAACCTCC  
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TACATTCTGTGAGAAGGCTGTTTCTAAAAACATCAGAAAGTGGAGTGGATTATGCTGTGCTCAAAATC  
TAGACAATCTGATGGAAGAAATAGAGGGAACAATAGAGCCAATCATAACAAAACCTGCTACAGTACAAAAC



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AAAGGACATGAGCACCATGAATCCCCAGACCAAACCTTCAATGAAATTGAGGAACTCTCTCTGATGCAT  
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 GGAAGTATGAGATGTACAGAGAAAAATAACAGAAAGGGATTTTACTCAGGATTATGACTACATCACAAAG  
 TCTCTTTCACCATATCCAAAAGCTGCATCACCTGAATTCTTAAACAGAAGCAATAGAGTGGTAGGTCATG  
 GAAATACCAAGAATTAGTGAGACCAGTGCAGTATGTGTGAGAAAGAGTTGCTCACCTGCTTCAGGACT  
 GCCTTTTCGCCAGACACACAACCAAGAATAATTCTGTTATGAATATAAAAAATACAAATTCAGTGATA  
 AATAATCAAAGAACCAACATTGTAACAGCTATTCAGATGTAAGCAGTAACAGTTGAGAGAACTTTATA  
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 TCCATTTTCAATTGTCTAGTGAAAAATAGAGAAAATATGGTTGACATGCCCAATGACAATACTCATGTA  
 TCAGTCCAGTCAACGTGGTAGCAAAAGACGGATGTACCTAGAAGAAGATGAGCTAAGTAAATCCCAGTG  
 AAGCAGAAGTGCAAGAGGCAGAAGAAAGGGAACATTTGGTTTCCAAAAACTATGTCAAAGGGAACATTT  
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 AAAATGCTACAAGACAAGCTACTGAAGGAGATGCATGAAGAGGAACTTCTCAACATACGCAGAGGACTGG  
 AGTCATTATTCAAGGATCATGAAGGAAACAATGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_130735  
 Insert Size: 4518 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>	<a href="#">NM_130735.1</a> , <a href="#">NP_570091.1</a>
<b>RefSeq Size:</b>	4771 bp
<b>RefSeq ORF:</b>	4518 bp
<b>Locus ID:</b>	83820
<b>UniProt ID:</b>	<a href="#">O70608</a>
<b>Cytogenetics:</b>	3q43
<b>Gene Summary:</b>	a major component of synaptonemal complexes; may be a DNA binding protein [RGD, Feb 2006]