

## Product datasheet for **RN208445**

### Syngn2 (NM\_053553) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Syngn2 (NM\_053553) Rat Untagged Clone  
Tag: Tag Free  
Symbol: Syngn2  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Fully Sequenced ORF: >RN208445 representing NM\_053553  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCCTTGAGGGTCGGCGGCGACGGCGACATGGAGAGCGGGCCTATGGCGGGCCAACGCGGGCGGCT  
CCTTCGACCTGCGGCGCTATGTGTCCCAGCCTCAGGTGGTGACACGCCTCGTGAGCATGGTCTTGGCCTT  
GATCGTATTCTCCTGCATCTTCGGCGAGGGCTACATCAACCTTCACTCATCTGACCAGCTACACTGTGTG  
TTCAACCGGAACGAAGATGCCTGCCGCTACGGCAGTGCCATTGGGGTGTGGCCTTCTGGCCTCAGCCT  
TCTTCTTGTGGTGGATGCGTTTTTCTCTCAGATAAGCAATGCCACTGACCGAAGTATCTGGTCATTGG  
TGACCTGCTCTTCTCAGCTCTCTGGACCTTCTGTGGTTTGTGCGTTTCTGCTTTCTGACCAACCAAGTGG  
GCAGCCACCAAACCTGATGACGTGTTGGTGGGAGCAGACTCAGCCCGGGCTGCCATCACCTTCAGTTTCT  
TCTCCATCTTCTCCTGGGGTGTGCTGGCCTCCCTGGCCTACCAGCGTTACAAGGCTGGAGTGGATGCCTT  
CATTCAGAACTATGTGGACCCACGCCGATCCCACCACAGCCTACGCCTCCTACCCTAGTGCCTCGGTG  
GAAAACCTACCAGCAGCCGCCCTTCAACCAGAATGTGGAGACTACTGAGGGCTACCAGCCTCCCCAGTGT  
ACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI  
ACCN: NM\_053553  
Insert Size: 705 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_053553.1</a> , <a href="#">NP_446005.1</a>
<b>RefSeq Size:</b>	1108 bp
<b>RefSeq ORF:</b>	705 bp
<b>Locus ID:</b>	89815
<b>UniProt ID:</b>	<a href="#">O54980</a>
<b>Cytogenetics:</b>	10q32.2
<b>Gene Summary:</b>	ubiquitously expressed synaptogyrin isoform; undergoes tyrosine phosphorylation by pp60c-src; may play a role in membrane trafficking [RGD, Feb 2006]