

## Product datasheet for **RN215305**

### Syt6 (NM\_022191) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Syt6 (NM_022191) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Syt6
Synonyms:	MGC116356
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215305 representing NM\_022191  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGGAGTTTGGGGGCGGAGGGCCTCGGTGCCAGGCGCGCTCGGGTCTCTGTGTC  
 GGGCCCGGCCGCCCTCTCGGGCTGGACGTGGAGACTTGTGAGAGCTTCGAGCTGCAGCCCCGGAGCA  
 GAGTCCAAGCGCGCCGACTCAGGCACCTCTGTGAGCCTCTCGAGTGGTAGTTATTGTGTGTGGTGTG  
 GCCCTGGTGGCAGTTTTTTTCTTTCTCTTTTGAAGCTGTGCTGGATGCCCTGGAGGAACAAGGAGGCC  
 CCAGCCCTTCTTCTGCTAACCTGCTTCAGAGATCCTCAAAGCCCCAGCTCCAGAGGCAACATGGCGGA  
 TAAGCTGAAGGACCCAGTGCCTGGGCTTCTGGAGGCAGCTGTAAGATCAGCCATACTTCCCCAGAT  
 ATCCCAGCCGAGGTGCAGATGTCGGTCAAAGAGCACATTATGCGCCACACCAAATGCAGCGACAGACCA  
 CAGAGCCAGCGTCTACCAGACACACGTCCTTCAAGCGCCACCTGCCACGGCAGATGCATGTCTCCAG  
 TGTGGACTACGGCAATGAACTGCCGCCGGCCGCGCTGAACAGCCACCAGTATTGGCCGTATCAAGCCT  
 GAGCTCTACAAGCAGAAGTCAGTGGATGGGGATGAGGCCAAGTCTGAGGCCGCCAAGAGCTGTGGGAAGA  
 TCAACTTCAGCCTCCGCTATGACTATGAGAGTGAGACCCTGATTGTACGAATCCTGAAGGCCCTTACCT  
 CCCTGCCAAGGACTTTTGTGGAAGTTCTGACCCTTACGTTAAATCTACCTTTGCGCTGACCGCAAGTGC  
 AAGCTGCAGACCCGGGTGCACCGCAAGACGCTGAACCCACCTTTGATGAGAACTCCACTTCCCCGTGC  
 CCTATGAGGAGCTGGCTGACCGCAAGCTGCATCTCAGTGTCTTTGACTTTGACCGCTTCTCCCGCATGA  
 CATGATTGGCGAGGTCACTCGGACAATCTCTTCGAGGCCCTGACCTGTCCCGGAGACCTCCATCTGG  
 AAGGACATCCAGTACGCTACTAGTAAAAGTGTGGACTTGGGAGAGATCATGTTCTCCCTCTGCTACCTGC  
 CCACAGCAGGCAGGCTCACCCCTCACGGTATCAAGTGTGCAATCTCAAAGCAATGGATACACGGGATA  
 CTCAGATCCCTACGTCAAAGTGTCCCTACTATGTGATGGCGGAGACTGAAAAAGAAGAAAAACAACCATA  
 AAAAAGAACACCCCTCAACCCTGTCTACAACGAGGCCATCATCTTTGATATCCCCCAGAAAAATGGATC  
 AAGTGAGCCTGCTCATCTCCGTTATGGACTATGACAGAGTTGGCCACAACGAGATCATAGGAGTGTGTAG  
 AGTGGGGATCAGTGTGAAGTCTTGGCAGGGACCCTGGAATGAGATGTTGGCATACCACGAAAGCCC  
 ATCGCACACTGGCACTGCTTGGCGGAGGTAAGAAATCCTTCAAAGAGGGAAACCCCGGTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_022191
- Insert Size:** 1536 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:** [NM\\_022191.1](#), [NP\\_071527.1](#)

**RefSeq Size:** 1850 bp

**RefSeq ORF:** 1536 bp

**Locus ID:** 60565

**UniProt ID:** [Q62746](#)

**Cytogenetics:** 2q34

**Gene Summary:** a Ca<sup>2+</sup>/phospholipid-binding protein [RGD, Feb 2006]