

## Product datasheet for **RN203924**

### Syt9 (NM\_053324) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Syt9 (NM_053324) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Syt9
Synonyms:	Sytv
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN203924 representing NM\_053324  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCCGGGCCAGGGACGCGCTCTGTACCAGGCGCTGCAGCTGCTGGCCGAGCTCTGTGCCCGAGGGG  
 CCCTGGAGCACGACAGCTGCCAAGATTTTCATCTACCACCTGCGGGACCGTGCCAGACCCCGCTCCGCGA  
 CCCAGATATCTCTGTGAGCCTGTAACCTCTCGTGGTTACCGCCTGTGGTCTTGCCCTCTTTGGTGTCTCT  
 CTTTTCGTGTCTTGAACTGTGCTGGGTTCCGTGGCAGAGCGAGGCCTGTTCTCTGGTAGCAAAGACA  
 ACAACCAAGAGCCTTTAACTACACTGATACAGAGACAAATGAGCAGGAGAACAGCGAGGACTTCTAGA  
 CCCACCCACACCTGCCCGACTCCTCCATGAAGATCAGCCACACTTCCCCGACATTCCCTCTCCACC  
 CAGCCAGTGGCCAGGACAACCTGTGCCATGCCGTCCGTGTACAGCGACAAGTACAGAGCCAACGCCGT  
 CAGCTCGGCATAACTCAATCCGAAGACAACCTCAACCTGTCAAACCCGGACTTTAATATCCAACAGCTTCA  
 GAGGCAGGAGCAGTTGACTGGGATTGGTAGAATTAAGCCAGAGTTATATAAACAGAGGTCCTGGACAAC  
 GACGATGGGAGGAGAAGTAACAGCAAAGCCTGCGGGAAACTGAACTTCATCTTAAAAATACGACTGCGACT  
 TGAACAGCTCATCGTGAAGATCCACAAAGCCGTCAATCTGCCCGCCAAGGACTTCTCTGGGACGTCAGA  
 TCCTTATGTCAAGATCTACTTGCTTCTGACCGGAAAACAAAACACCAGACTAAGGTTACAGGAAGACC  
 CTGAACCTGTGTTTGACGAGGTGTTTTATTTCTGTGCACTACAATGACCTTGAAGCTCGGAAGCTTC  
 ACTTCTCCGTGTATGACTTTGACAGGTTCTCTCGCCATGACTTGATTGGTCAAGTGGTGGTGACCACTT  
 CTTGACTTGGCTGACTTCCCCAGGGAGTGCATCCTTTGGAAGGATATCGAGTATGTCACCAACGATAAT  
 GTGGACCTGGGTGAGCTTATGTTTTCGCTCTGCTATCTTCCAACAGCCGGCAGGCTGACCATCACCATCA  
 TCAAAGCAAGGAATTTAAAGCAATGGACATTACGGGAGCGTCAGATCCGTACGTGAAAGTCTCACTGAT  
 GTGTGATGGCCGGAGACTGAAGAAGAGGAAAACATCCACCAAGAGGAACACGCTTAACCCGTGTTTACAAT  
 GAAGCCATAGTCTTCGATGTCCCTCCTGAGAGCATTGATCAGATCCACTTGTCCATAGCTGTGATGGACT  
 ATGACCGTGTAGGTCACAATGAGGTCATCGGCGTGTGCCAAGTAGGCAACGAGGCTGAGCGGCTGGGCGAG  
 AGACCACTGGAGTGAGATGCTGTCATATCCCCGAAAGCCATCGCACACTGGCACTCTCTGCTGGAGAAA  
 CGATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_053324

**Insert Size:** 1476 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\\_053324.1](#), [NP\\_445776.1](#)

**RefSeq Size:** 1506 bp

**RefSeq ORF:** 1476 bp

**Locus ID:** 60564

**UniProt ID:** [Q925C0](#)

**Cytogenetics:** 1q33

**Gene Summary:** member of a family of membrane proteins characterized by one transmembrane region and two C2 domains [RGD, Feb 2006]