

## Product datasheet for RN212696

### Syt11 (NM\_031667) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Syt11 (NM_031667) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Syt11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212696 representing NM_031667 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGGATCGCC

ATGGCTGAGATCACAAATACGCCCCAGCTTTGATGTGTACCAGTAGCGGCTGGCCTCATCGGCGCT  
CTGTGCTGGTGGTGTGTCTCTGTGACTGTCTTTGTGTGGACATGCTGCCACCAGCAGGGGAGAAGAA  
GCACAAGACCCACCGTACAAGTTTATTCATATGCTGAAAGGCATTAGCATCTACCCAGAGACCCCTCAGC  
AACAAAGAAGAAAATCATCAAAGTTTCGGAGGGACAAAGATGGTTTCATAGGGAAAAGTGGACGAGGGAACC  
TGTTAGTAAATGCGGAGTCTGGCCTGCTGAGCCATGACAGGGATCCCAGAGGGCCTAGCCCTGCATCTTG  
TATAGACCAGTTACCCATCAAAGAGACTATGGGGAAGAAGTGGAGAGCCCATGACCAGCCTGACCCCC  
GGTGAAGCAAGCCACCTCCCATCATCGCCAGAGGAAGATGTGATGCTAGGGTCCCTTACCTTCTCGG  
TGGACTACAACCTTCCCAAGAAAGCTCTGGTGGTGAACAATCCAAGAGGCGCATGGGCTGCCAGTGATGGA  
TGGCCAGACCCAGGGCTCCGATCCCTACATCAAATGACCATTCTTCTGACAAGCGGCATCGAGTGAAG  
ACCCGGGTGCTTCGCAAGACCTGGACCCCGTGTGATGAGACCTTACCTTCTACGGCATTCCCTACA  
GCCAGCTACAGGACCTGGTGTGCTGCACTTCTTGTGCTCAGCTTTGATCGCTTCTCTCGGGATGACGTCAT  
CGGGGAGGTGATGGTCCCTTGGCTGGAGTGGACCCAGCACAGGCAAGGTTGAGCTGACCAGGGACATC  
ATCAAGAGGAACATTCAGAAGTGCATTAGCAGAGGGGAAGTCCAGGTATCTCTGTGATACAGCCCGTCCG  
CACAGAGAATGACAGTGGTGGTCTCAAAGCCAGACACTTGCCGAAGATGGATATCACCGGTCTCTCAGA  
TCCTTATGTCAAGGTGAACGTCTACTACGGCAGAAAACGCATTGCCAAGAAGAAAAGTCAATGTAAGAAG  
TGCACTTTGAACCCATCTTCAATGAGTCTTCACTATGACATCCACCGATCTCCTGCCTGATATCA  
GCATCGAGTTCCTTGTGATGACTTCGATCGTACTACTAAGAATGAGGTGGTAGGGAGGCTGATCTTGGG  
GGCACACAGTGTACAACAGTGGTGCAGAACTGGAGAGAGGTGTGCGAGAGTCCCGCAAGCCTGTGA  
GCCAAGTGGCACAGTCTGAGCGAGTACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_031667
<b>Insert Size:</b>	1290 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_031667.2</a></u> , <u><a href="#">NP_113855.2</a></u>
<b>RefSeq Size:</b>	1812 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	60568
<b>Cytogenetics:</b>	2q34
<b>Gene Summary:</b>	calcuim-binding protein, component of synaptic vesicles, component of the SNARE complex of proteins; may serve as the calcium sensor in the process of vesicular trafficking and exocytosis [RGD, Feb 2006]