

## Product datasheet for **RN215400**

### **SytI5 (NM\_178333) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SytI5 (NM_178333) Rat Untagged Clone
Tag:	Tag Free
Symbol:	SytI5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215400 representing NM\_178333  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGTCTAAGAACTCGGAGTTCATCAATCTGTCATTTTTATTGGATCATGAGAAGGAAATGATCCTCGGAG  
 TCCTAAAGAGAGATGAATATTTGAAAAAGGTGGAAGACAAGAGGATAAGGAAGCTGAAAAATGAGCTTTT  
 AGAAGCCAAGCGTAGGAGTGGGAAGACTCACCAAGAGGCGAATAGAGTCTGTGTTCACTGTCAGAAAAGC  
 CTGGGCCCTCATCTTTGACCGGGGAGCTCCATGCCAAGCCTGTTCACTCAGAGTGTGCAGTGTGCGAG  
 TCACGGGACTTGATGGCAGCTGGAAGTGCAGTGTCTGTGCTAAAGTCGCGCAGCTAAGGATCATAAGTGG  
 AGAATGGTTCCTTGAAGAAAAGGCAAAGCGTTTCAAACAAGTCAATGTTCTGGGCACTGATGTTGTTGCGA  
 CAGTCCATCTTAAGAAGAAGTCCAGGGTCTGAAGAAATACAAAACCAAGAGCAAGCACACCAAGGTGCAG  
 ACAAGTCAGATACTTTGTCTTCAGTCAGGCAGAAGGCCACTCATGATGGACCAAAGAGGAAGGGTTTTCT  
 TCTTAGCAAGTTCAGATCAGCAACCAGAGGAGAAATCAAACCTCCAAAAGCTGAAAGTGGAAAGGAGCTAT  
 AGCTTGGACCTAGACAATCAAAATCTTCAGAGTTTCAAGTCGGTCTCTGGCTCAGACAGGGGAAGTACCA  
 CTTTCATCAGATCTCACTGACCAGGAGGCTGGACGAGGAGCACAAAAGGCAGCTGCAGCAATGGTGGAAAT  
 CCCGGTACTCAGAGGTCACCAGCCCCAAGTGCTCGTAGTGTGACCTCCATCAGCAGCAGAGAACATGGT  
 TTTGAAAATCCATGGCTTTGGCTACCATTGAAAGCATCTCTGAGGAACTCACAAGAGTTCATCGCAGGA  
 ACACGCTGGTACACCTCCATAGCAGTGTCTGGTACCTCGTGTCTCAGAGCGGAGTTCGATCTGAGTT  
 AGATTTGAGTGTGATCATTGTCAGAAGACTTAGAGGACACTTCAAGCATAAGAAGCAGATCTGTTCTGGG  
 GCTTTAGACAAAAGACTTGAATTCCTTAGAAGACACAGAAGATGGTGTGGACTTAGTGTCTCCAGGTTTT  
 CTGCAAAATACCCACAGTCTGGCAAGTGGCCTGTCAACTAGCTCCCAAGCAGGATCTGATAGGAAGAGGAG  
 CTACCTACATGTGCCTGATGCTGACTCAGACACTACTAGCCTAACAGCATGATGAGTGTTCACAGTGAA  
 ACGGGAGACTATGGCAATGTGAAAGTACCCGGTGAGATTCTTCTCCACATCAGCTACTGCTACAAAAGT  
 GCGGGCTATACATTTTTGTCAAGAACTGCAGAAACCTGGCCATCGGAGATGAAAAGAAAACAGAGGACAGA  
 TGCTTATGTCAAGTCATACCTTCTCCAGACAAGACCCGAAACAATAAGCGAAAGACCAAAATCAGGACA  
 GGTACCAATCCAGAATCAATGAAACATTAAGTATACTATCAGCCACACCCAGCTGGAACAAGAAGTCT  
 TGCAGCTCTCAGTCTGGCACTACGATCGGTTTGGACGCAACAGTTTCTGGGAGAGGTGGAGATTGCTTT  
 TGACTCATGGAACCTCGAAAATCCATGTGATGAATGGTTTGTGCTTACGCCAAGGTGGAGTTGGCTCCT  
 GATATTAGCCTTCAATATAAAGGAGAGTAACCATTGTTTTGCGTTATATTCTCCAGAGGAGAACCTTA  
 TATTTCCAGTAGAACACCTCAAGGAAAGAAGATCTTTAAAAAGGGAAAGAAGAAAGAGTACCTGCCAT  
 TTCTGGGGGAATACTTGAAGTTTTTCATCAAAGAAGCAAAGAATCTGACAGCAGTAAAAGCAGGGGGCACT  
 TCTGACAGCTTCGTCAAGGGTACCTGCTTCTGTGATGATAACAAAGCCACCAAGCACAAAAGTGCAGTTG  
 TAAAAAGAGTGTCAATCCTCAGTGGAAACCATGTGTTCAATTCAGCGGTCTGTATCCTCAGGATATACA  
 GAATGCTTGCCTAGAAGTACCATCTGGGATAAGGAGGCTTTTCCAGCAACATCTTTCTAGGAGGTGTT  
 CGTTTAAATCCGGAAGCGGTATTAGCCATGGGAAGGCTGTGGACTGGATGGACTCTCGTGGGGAAGAAC  
 AACGCCTTTGGCAAAAGATGGCTGACAACCCTGGGACATCTGTAGAAGGAGTTCTCATGCTACGTTCTAG  
 CATGGCGAAATGTAGGCTCGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM\_178333

Insert Size: 2262 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).

<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_178333.1</a></u> , <u><a href="#">NP_848016.1</a></u>
<b>RefSeq Size:</b>	2262 bp
<b>RefSeq ORF:</b>	2262 bp
<b>Locus ID:</b>	302538
<b>UniProt ID:</b>	<u><a href="#">Q812E4</a></u>
<b>Cytogenetics:</b>	Xq12
<b>Gene Summary:</b>	human homolog binds specifically to the GTP-bound form of Rab27A, binding occurs via the Slp homology domain SHD; may play a role in membrane trafficking [RGD, Feb 2006]