

## Product datasheet for MC214413

### Syt15 (NM\_176931) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Syt15 (NM_176931) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Syt15
Synonyms:	CHR10SYT; E230025K04Rik; sytXV
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC214413 representing NM_176931 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCAGAGCAGCTGGCCTTCTGATAGGAGGCATCATTGGAGGGCTGCTTCTGCTGATCGGAGTGAGCT  
GCTGTCTGTGGAGGAGGTTTTGCGCCACCTTCACCTATGAGGAACTGCCAGAGACGTGAGACCCGGCCAC  
CATCTCTTACTTCAGCAGAAAAGAGGACAGGCTCTACCAGTATTCTGGGACCCACCTGGCAGGCTACCA  
AGTGTACCATTTGTGGTACCCCTTCTACCAAGGTCGAGACTGGGTGCCCTACATGGTGGTGATTGGG  
CTGTGGCCCCACAGGACCCCTGCCCTGTCCCAGAGCACATGGCCTGCACCTCCAGTGCCAAACCTGGAGA  
TGCATGTGAGATGGGGAGCATCAACCCAGAGCTGTACAAGTCCCCGGAGGACACGAGTGAGACAGGCTTC  
CCTGATGGCTGCCTGGGCCGGCTGTGGTTCTCGGTGGAGTACCAACAGGAGTCTGAGAGGCTGCTGGTGG  
GCCTGATCAAGGCCAGCAACTGCAAGTCCCCTCTGAGACCTGCAGCACCTTGGTGAAGCTCCACCTGCT  
GCCTGATGAACGGCGCTTCTCCAGTCCAAGACCAACACAAAATTTGTAACCCACAGTTTGATGAGAAC  
TTCATCTTCCAGGTATCCAGCAAAAGTGTACCCAGAGAGTGTGAAGTTCTCCGTGTACCATGTAACA  
AGAAGAGGAAGCACCAGCTCCTGGGACAGGTGCTATTCCATTGAAGAATGAGACTCTGGCAGGGGACCA  
CCACCGTATCATCTGGAGAGACCTGGAAGCTAAGAACCTGGAGCCCCCTCGGAGTTTGGTGATATCCAG  
TTCTGCCTCAGCTACAACGACTACCTGAGCCGCTGACTGTGGTCTGCTCCGAGCCAAGGGTCTCCAGC  
TCCAGGAGGACAGAAGTGTGTGCTGAGTGTGTTGTCAAGGTGTCTCTGATGAATCACAACAAATTCGTCAA  
GTGCAAGAGGACTTCGGCTGACTGGGCTCCGTCAACCTGTGTACAATGAAACCTTCAGCTTCAAGGTT  
GACACCAATGAGCTGGACACCGCCAGCCTTAGCCTGGTGGTGTGCTGCAGACCACAGAAGGGAAACGTAAGG  
CCTGGGAATGGGAAGCAGGGGACATGGTGTGGGGCCACTCAATTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_176931
<b>Insert Size:</b>	1170 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_176931.2</a></u> , <u><a href="#">NP_795905.2</a></u>
<b>RefSeq Size:</b>	1801 bp
<b>RefSeq ORF:</b>	1170 bp
<b>Locus ID:</b>	319508
<b>UniProt ID:</b>	<u><a href="#">Q8C6N3</a></u>
<b>Cytogenetics:</b>	14 B
<b>Gene Summary:</b>	<p>May be involved in the trafficking and exocytosis of secretory vesicles in non-neuronal tissues.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (b) uses a different segment for its 3' coding region and UTR, compared to variant a. The resulting protein (isoform b) has a shorter and distinct C-terminus when it is compared to isoform a.</p>