

## Product datasheet for **MC216541**

### Syt17 (NM\_138649) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Syt17 (NM_138649) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Syt17
Synonyms:	Bk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216541 representing NM\_138649  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTGGAACCACTGAACGAGGGCTTGCTTTCTAGAATCTCTGACGTGCTGCTGTGCGGCTGGACTTGCC  
 AACACTGCTGTCAGAGGTGCTATGAGTCCAGCTGCTGCCAGTCCAGTGAAGATGAAGTGGAGATCTTGGG  
 GCCTTTCCCTGCCAGACTCCTCCATGGCTGATGGCCAGCCGGAGCAATGACAAGGATGGAGACTCCGTG  
 CATAACGACCGGATGTTCTTTGACCCCAAGGACCAACTCCCCTGATGGGAGACGCTCGTCTCAGACA  
 CATCCAAGTCCACGTACAGCCTGACTCGGAGAATCTCCAGTCTGGATTCCCGGCGCCCCAGCTCCCCACT  
 CATCGACATCAAACCCGTTGAGTTCGGCGTTCTCAGTGCCAAGAAGGAGTCCATCCAGCCGTCTGTGCTG  
 CGCCGGACCTACACGCCGATGACTACTCCGGAAGTTTGAGCCCGACTTTACTCCCTCGACTCCAATC  
 TTGATGACGTAGACTCTCTGACTGACGAGGAGATCATGTCCAAGTACCAGCTGGGCATGCTGCATTCAG  
 CACACAGTATGACTGCTACACAACCACCTCACCGTGAGGGTGATCGAGGCCGGGACCTGCCACCTCCA  
 ATCTCCCATGATGGCTCGCGCCAGGACATGGCCCACTCCAACCCCTACGTCAAGATCTGCCTCCTGCCTG  
 ACCAGAAGAACTCCAAGCAGACGGGAGTCAAACGCAAGACCCAGAAGCCTGTGTTTGAGGAACGCTACAC  
 CTTTCGAGATCCCCTTCTAGAACCCAGAGGAGACCCTGCTGCTCACTGTGGTGGATTTTGACAAATTC  
 TCCCGCCACTGTGTGATTGGGAAAGTAGCGGTGCCTTTGTGCGAGGTGGACTTGGTGAAGGGTGGCCACT  
 GGTGGAAGGCCCTGATCCCCAGTTCTCAGAATGAAGTGGAGCTCGGGGAGCTGCTGCTTTCTCTAAATTA  
 TCTCCCAAGTGTGCGAGACTGAACGTGGACATCATTTCGAGCCAAGCAACTCCTGCAGACCGATGTGAGC  
 CAGGGGTGACACCCATTTGTGAAAATCCAGCTGGTACACGGACTCAAGCTTGTGAAAACCTAAGAAGACAT  
 CATTCTTACGAGGCACAATTGATCCTTTTACAATGAATCCTTCAAGTTCCCCAGGAAGAACT  
 GGAAAACGCCAGCCTAGTATTACAGTGTTCGGCCACAACATGAAAAGCAGCAATGACTTCATCGGGAGG  
 ATCGTCATCGGCCAGTATTCTCCGCCCTCAGAATCCAACCACTGGCGCGGATGCTCAACACTCACC  
 GCACTGCTGTGGAACAATGGCATAGCCTGAGGTCCCGGGCTGAGTGTGACCGCGTCTCCTGCCTCGCT  
 GGAGGTGACCTGA

**ACCGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_138649

**Insert Size:** 1413 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\\_138649.1](#), [NP\\_619590.1](#)  
RefSeq Size: 1623 bp  
RefSeq ORF: 1413 bp  
Locus ID: 110058  
UniProt ID: [Q920M7](#)  
Cytogenetics: 7 63.44 cM  
Gene Summary: Plays a role in dendrite formation by melanocytes.[UniProtKB/Swiss-Prot Function]