

Product datasheet for **MC218894**

Syt16 (NM_172804) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syt16 (NM_172804) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Syt16
Synonyms:	6430703N11; Strep14; Syt14l; syt14r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218894 representing NM_172804
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACTGACATCACTCCTGAAGCCATTGGCTTCTGTCTGCAATTGGGGTCTTTGTTGTCCTTCTGG
 CTGTCCTTCTCCTCTTCATCAACAAGAAGCTATGCTCTGAAAACCTAAGAGGGCATCCATACCCGGAGCA
 ACGAGGGAAGAGAAAGCACTCGAGAGACAAGACTGGAGGCCACACAGGAAGTGTAAACAGCTTTGGGGAT
 GATGAAGAGCCATCCACATCTTCTGAGAGTGATGAAGATGTGACTAAGCAATTCAAGATCTCAGTGTCCC
 GATCCCAGAGTTTTCGTTCCAGGAGTATCTGAGAAGGGAAGACAACAGAGTTGGAGCAGAAAATAAAATG
 CAAACGTTTGCTGTGTACCCACCAGGAAGACAGCGCTGAAGGGTCTGCTTGTGAAGGTATTCATTGCAGT
 GCATTGCATTGCAGGCAAGGGCAGGTCAATGATTTGGATCGAACCAGCCAACCTAGTTATTCTGAGATTC
 TGTCTTATGAAGACCGCCCCATTTCCATTCTCCACAATCCCCCTTCGAGAGCAGGAACGTCAGGCACCA
 TGGCCCTTGCCGTCGGGAGATGGGCATGGTCCGAAGCCTCGGTCGTCCTTGTGCAGATGGCGTCTGGAG
 ACGGAGACAGCTTTTGTGAGTCGGGGCTTTGAAGATTCTATGCCACCCACAGTTCTCTCTGTGGAGTC
 CAGAGGAGCAGGATGGCACCAGTCTGCAGGTACACACAGGCTTTTGGAGCCTATCTCAAAATGCGGTGA
 CCTCGATGTATCTTTGAATATAGAGCTGTAAACCAGAAGCTCACTGTGACCATTGTGAGAGCACAGGGT
 CTCCCAGATAAGGACCGAAGTGGTGTCAACTCTTGGCAAGTTCACATAGTGTGCTGCTGCCAGCAAGAAAC
 AGAGGGGTAAAGACGAACATACAGAGAGGGGCCAACCTGTCTTCAAGGAAAAGGTACCTTCACCAAGCT
 GGAGCCCAGAGATGTGGCTTCTGTGCTGTCCGCTTCCGCTGTATGCTGCCCGTAAGATGACCCGGGAG
 AGAATGATGGGGGAGAAGCTGTTCTGTCTCAGCCACTTGACCCAGAAGGGGAAATGAAAGTGACTCTGG
 TTCTGGAGCCAAGAAGTAATCTGAGCAGTGGAGAGTCTCCGCTCAGCCCATCTGTGGTGTCTCACAGTGA
 CAGTGCTTCATCCACGCAGTCACTGTCTCATGGAGGGGTGCCAGAGCTGCTGGTGGGACTGTCTACAAT
 GCCACAACAGGGCGATTATCTGTGGAATGATCAAGGCAGCCATTTCCGCAACCTCGCTGCTAACCGAG
 CTCCTGACACATATGAAAACTCTTCTCCTCAACTGTGTGGGTCAAGAGATGTCCCGCTGCAAGACGTC
 CATTGCTGCTGGCCAACCAATCCTGTCTATAAAGAGACCTTTGTCTTCCAGGTGGCCCTCTTCCAGCTC
 TCGACGTCACCTTGATGATTTCCATTTACAGCAGGCGCACTATGAAGCGTAAAGAGATGATCGGCTGGG
 TCGCTCTGGGCCAGAACAGCAGTGGGGAGGAGGAGCAGGAACACTGGGAGGAAATGAAGGAAAGCAAGGG
 CCAGCAGACCTGCCGGTGGCATACGCTGTTGGAATCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172804

Insert Size: 1650 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_172804.2</u> , <u>NP_766392.2</u>
RefSeq Size:	2705 bp
RefSeq ORF:	1650 bp
Locus ID:	238266
UniProt ID:	<u>Q7TN83</u>
Cytogenetics:	12 C3
Gene Summary:	May be involved in the trafficking and exocytosis of secretory vesicles in non-neuronal tissues. Is Ca(2+)-independent.[UniProtKB/Swiss-Prot Function]