

Product datasheet for **MC218630**

Syt16 (BC056932) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syt16 (BC056932) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Syt16
Synonyms:	6430703N11, Strep14, syt14r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC056932
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTAGCAAAGAAGGAGGAGGAGAAGGAGAAGAAATTATTCACAATGTTAACAGCTTTGGGGATGATG
 AAGAGCCATCCACATCTTCTGAGAGTGATGAAGATGTGACTAAGCAATTCAAGATCTCAGTGTCCCGATC
 CCAGAGTTTTCTGTTAGGAGTATCTGAGAAGGGAAGACAACAGAGTTGGAGCAGAAAATAAAATGCAAA
 CGTTTGTGTGTACCCACCAGGAAGACAGCGCTGAAGGGTCTGCTTGTGAAGATTGGATCGAACCAGCC
 AACTTAGTTATTCTGAGATTCTGTCTTATGAAGACCGCCCATTTCCATTCTCCACAATCCCCCTTCGA
 GAGCAGGAACGTAGGCATCATGGCCCTTGCCGTCCGGAGATGGGCATGGTCCGAAGCCTCGTCTGTCT
 TGTGCAGATGGCGTCTGGAGACGGAGACAGCTTTTGTGAGTCGGGGCTTTGAAGATTCTATGCCACCC
 ACAGTTCTCTCTGTGGAGTCCAGAGGAGCAGGATGGCACCAGTCTGCAGGTACACACAGGCTTTTGA
 GCCTATCTCAAAATGCGGTGACCTCGATGTCATCTTTGAATATAGAGCTGTAACCCAGAAGCTCACTGTG
 ACCATTGTGAGAGCACAGGGTCTCCAGATAAGGACCGAAGTGGTGTCAACTCTTGGCAAGTTCACATAG
 TGCTGCTGCCAGCAAGAAACAGAGGGGTAAAGACGAACATACAGAGAGGGCCCAACCTGTCTTCAAGGA
 AAAGGTACCTTCACCAAGCTGGAGCCCAGAGATGTGGCTTCTGTGCTCCGCTTCCGCTGTATGCT
 GCCCGTAAGATGACCCGGGAGAGAATGATGGGGGAGAAGCTGTTCTGTCTCAGCCACTTGACCCAGAAG
 GGGAAATGAAAGTGACTCTGGTTCTGGAGCCAAGAAGTAATCTGAGCAGTGGAGAGTCTCCGCTCAGCCC
 ATCTGTGGTGTCTCAGTGACAGTGCTTCATCCACGCAGTCACTGTCTCATGGAGGGGTGCCAGAGCTG
 CTGGTGGGACTGTCCTACAATGCCACAACAGGGCGATTATCTGTGAAATGATCAAAAGCAGCCATTTC
 GCAACCTCGCTGCTAACCGAGCTCCTGACACATATGGAAAACCTCTCTCTCACTGTGTGGGTCAAGA
 GATGTCCCGCTGCAAGAGCTCCATTCTGTCTGGCCAACCAATCCTGTCTATAAAGAGACCTTTGTCTTC
 CAGGTGGCCCTCTCCAGCTCTCGGACGTACCTTGATGATTTCCATTTACAGCAGGCGCACTATGAAGC
 GTAAAGAGATGATCGGCTGGGTCTGTGGCCAGAACAGCAGTGGGAGGAGGAGCAGGAACACTGGGA
 GAAATGAAGGAAAGCAAGGGCCAGCAGACCTGCCGGTGGCATACGCTGTTGGAATCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC056932

Insert Size: 1461 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:	BC056932 , AAH56932
RefSeq Size:	2829 bp
RefSeq ORF:	1460 bp
Locus ID:	238266
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]