

Product datasheet for **RN207507**

Syt10 (NM_031666) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syt10 (NM_031666) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Syt10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207507 representing NM_031666
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGTTTCCGAAGGAGGACGGGTGAGCAGCCTGTGCCAGAAGGCGCTGCACATCATCACCGAGCTGT
 GCTTCGCGGGCCAGGTGGAGTGGGACAAGTGTTTCGGGCATCTTTCCAGCCGATAGGAGCGGCCAGGGCGG
 AGGTGGCAGACATTTCAAGTCAAGCTGTAGCAGTTGTTGTAAGCTTCTGTGGCCTGGCCCTGCTGGTT
 GTCTCCCTTTTCGTTCTTGAAGTTGTGCTGGCCTGCTGGAAGAGCAAGCTCGTGCCCAATGTCA
 GTACCTTCCGAGAGCATCTCAAGTGTCCAAGTGGGTTTTCGAGCCGAGAGAAAAAGAGTCA
 AGAAAAAGAAAGCCAGCAGCAAAAGCTATTGAGCCTGCAATAAAATCAGCCACACATCCCCGACATC
 CCAGCAGAAGTGCAAACTGCTTTAAAGGAGCATTTAATTAAACATGCCGTGTGCAGAGGCAACGACCG
 ATCCTACATCTTCATCCCGCCACAATTCCTTCAGGAGGCACCTACCAAGGCAATGAACGCTCTCAGTGT
 TGACTTTAGCATGGGCACGGAACCTGTCTTACAAAGAGGAGAAACAGAACGAGCATCGGAGGATAAAA
 CCGGAACCTCTATAAGCAGAAATCAGTTGACTCCGAGGGCAACAGAAAAGACGACGTCAAAACCTGTGGGA
 AACTTAACTTTGCGCTCCAGTACGATTATGAAAATGAACTCCTAGTTGTTAAATTTATCAAAGCTCTAGA
 TCTCCAGCTAAAGATTTACAGGAACCTCTGATCCTTATGTGAAGATCTATCTTCTCCGACAGGAAG
 AAGAAATTTAGACCCGTGTGCACCGGAAGACTTTAAACCTCTGTTTCGATGAGCTATTTAGTTCCCGG
 TGGTTTACGATCAGCTAAGCAACCGCAATTAAGTCTAGTATATGATTTTACAGATTTTCAGACA
 CGCATGATTGGGAAGTGATTCTTGATAATTTATTTGAAGTCTCTGATCTCTCCAGGGAAGCCACAGTA
 TGGAAAGATATCCACTGTGCAACCACAGAAAGCATAGACCTGGGCGAAATCATGTTTCCCTTTGCTATT
 TGCCAACCTGCTGGTCGCATGACCTTGACTGTGATCAAGTGCAGAAATCTGAAGGCAATGGACATTACCGG
 ATCATCAGATCCTTATGTCAAAGTGTCTCTGATGTGTGAGGGCCGAAGACTTAAAAAAGAAAAACAAT
 ACAAAGAAAAATACTCTCAATCCCGTGTACAATGAAGCCATTATTTTCGATATCCCTCCAGAAAAATGTGG
 ACCAGGTGAGCCTGTGCATTGCGGTCTGAGGATTATGACAGGGTGGGACACAATGAGGTCTAGGTGTGTG
 TCGAAGTGGACTTGACGCTGAGGGTCTTGAAGAGACATTGGAATGAAATGCTGGCCTATCACCAGAAAG
 CCAATCACACTGGCACCCTTGCTGGAGTTACCTGGCCGAGCAACAGTTTTCAGTCAAGGATCCT
 GTTCTTCTCCAGGCCACCGTCCACACCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031666

Insert Size: 1572 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:	<u>NM_031666.1, NP_113854.1</u>
RefSeq Size:	1572 bp
RefSeq ORF:	1572 bp
Locus ID:	60567
UniProt ID:	<u>O08625</u>
Cytogenetics:	7q34
Gene Summary:	involved in Ca(2+)-dependent exocytosis of secretory vesicles [RGD, Feb 2006]