

Product datasheet for **MC203087**

Syt5 (NM_016908) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syt5 (NM_016908) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Syt5
Synonyms:	SytV
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC047148

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AGAGAATGGATTGGGAAGAGAATGGGATGGGGTGGCATAACAGAGGAAGTATCCCTTTGTGATGGAATTGG
GTCCCCAAAGCCTGCCACTGGCGTGAAGAGGCTGAGATTAACCTCCTAGTGTGCCACAAAAATCAATGGA
ATTTAAGGTTCTTTGATGCGTGAGAAAACCTCACTGGATGCTTTGGGTAGGAGTGGGGTGGGGTGGGGATA
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TCGGAGACGGATGGGCAAAAAGAGTCAGGCCCAAGCCCAAGTCCATCTTCAGGAAGTGAAGGAGCTGGGC
CGGAGTTACATAGATAAGGTTCCAGCCTGAAATAGAGGAGCTGGACCGGTCACCATCCATGCCTGGACAGC
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CCTGGTGGGCATCTTGCAAGCTCAGGGACTGGCTGCGTTGGACCTAGGAGGTTCCCTCAGATCCCTATGTT
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TACCCTCCTATACCCAGAAACACAGTGAAGCTGCGGGGAGGTGGGAGAGCCGGGAAAAGTCTGGTATCC
CCTGCCAGGGTCTACCCTCTGCTTTGACAATCAGCTGTGAAGCCTCTGATTTCTTTTCCAGTCT
CTTACCTCTTCCACACAGCTTGACTCCTATGCTGCTCTTGGGGCAAAATAAAATACTCAATAGCTTAGA AAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_016908
Insert Size:	1161 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:	<ol style="list-style-type: none">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:	BC047148 , AAH47148
RefSeq Size:	1764 bp
RefSeq ORF:	1161 bp
Locus ID:	53420
UniProt ID:	Q9R0N5
Cytogenetics:	7 A1
Gene Summary:	May be involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain or may serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis. Regulates the Ca(2+)-dependent secretion of norepinephrine in PC12 cells. Required for export from the endocytic recycling compartment to the cell surface.[UniProtKB/Swiss-Prot Function]