

Product datasheet for RN214396

Syt5 (NM_019350) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syt5 (NM_019350) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Syt5
Synonyms:	SytIX
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214396 representing NM_019350 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTCCCGGAACCCCGACCCCGGGTCTCCAGCGCCTGAGACACCTCCAGACTCCAGCCGCATCAGGC
AGGGGACAGTGCCTGCCTGGGTCTGGCTACCATCTTGCTGGGCTCAGGCCTCCTGGTCTTCAGCAGCTG
TTTCTGTCTCTACCGAAGCGCTGTCGGAGACGGATGGGCAAAAAGAGTCAGGCCAAGCCAAAGTCCAT
CTTCAGGAAGTGAAGGAGCTGGGCCGGAGTTACATAGATAAGGTTTCAGCCTGAAATAGAGGAACTGGACC
CCTCACCATCCATGCCAGGACAGCAGGTATTGGACAAGCACCAAGTTAGGCCGACTGCAGTATTCAGTGA
TTATGACTTCCAGACTGGCCAGCTCCTGGTAGGCATCTTGCAAGCTGAGGGACTGGCAGCGTTGGACCTA
GGAGGTTCCCTCAGACCCCTATGTTAGTGTCTATCTGCTGCCAGACAAGCGGAGGGCAGATGAGACCAAGG
TGCATCGGCAGACCCTGAATCCACACTTGGAGAGACCTTTGCCTCAAGGTTCCATACGTGGAAGTGG
AGGTAGAGTGTGGTTCAGTGAACCTGGGGCGCCAGTGCAGGCCTGGCAGAGCTGCAGGTGGCTCCCA
AAGAGGAGCAGGAGAACTGGGGGATATCTGCTTCTCTCTCCCGCAACGATGCCATCGGAGAGGTG
CGTCAATTGCTGGAAGCTAAAAACCTGAAGAAAATGGATGTAGGAGGACTCTCAGACCCTTATGTCAAG
GTGCACCTGCTCCAGGGAGTAAAAAGGTTTCGGAAGAAGAAAACCACTTAAGAAGAACCCTGAACC
CCTATTACAACGAGGCCTTCAGCTTTGAGGTGCCCTGTGACCAGGTGCAGAAAAGTCCAGGTGGAGCTGAC
CGTTTTGGACTATGACAACTGGGAAGAATGAGGCCATCGGGAGAGTGGCGGTGGGCACAGCAGTTGGT
GGGGCTGGCCTACGGCACTGGGCTGACATGTTGGCCAACCCTAGGCGGCCATTGCCAGTGGCACTCTC
TGCGGCCCTGACAGAGCCAGGCCAATACCTGCACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_019350
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:	<u>NM_019350.2</u> , <u>NP_062223.1</u>
RefSeq Size:	1900 bp
RefSeq ORF:	1161 bp
Locus ID:	54309
UniProt ID:	<u>P47861</u>
Cytogenetics:	1q12
Gene Summary:	may play a role in calcium-dependent exocytosis [RGD, Feb 2006]