

Product datasheet for **MC221333**

SytI5 (NM_177704) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SytI5 (NM_177704) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	SytI5
Synonyms:	ENSMUSG00000054453; slp5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221333 representing NM_177704
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCTAAGAAGCTCGGAGTTCATCAATCTGTCATTTTTATTAGATCATGAGAAGGAAATGATACTGGGAG
 TCCTAAAGAGAGATGAATATTTGAAAAAGGTGGAAGACAAGAGGATAAGGAAGCTGAAAAATGAACTCTT
 AGAAGCAAAGCGTAGGAGTGGGAAGACTCACCAAGAGGCCAGTAGAGTCTGCGTTCACTGTCACAAAACC
 CTTGGCCTCATCTTTGACCGGGGAGATCCATGCCAAGCCTGCTCACTCAGGGTATGCAGTGTGTCGAG
 TCACCGGACTTGTGGCAGCTGGAAGTGCAGTGTCTGTGCCAAAGTCGCGCAGCTAAGGATTATAAGTGG
 AGAATGGTCTTGGGAAGAAAAGGCAAAGCGTTTCAAGCAAGTCAATGTTCTGGGCACTGATGTCGTTTCA
 CAGTCCATCTTAAGAAGAAGTCCAGGGTCTGAAGAAACACAAAACCAAGAGCAAGCACAAATGTGTAG
 ACAAGTCAGATACTTTGTCTTGTGTCAGGCAGAAGACAACCTCATGATGGCCAAAAGAAGAAGGGTTTTCT
 TCTTAGCAAGTTCAGATCAGCAACCAGAGGAGAAATCAGAACTCCAAAACCTGAAAGCGGAAGGAGCTAT
 AGCTTGGACTTAGACAGTCAAAAATCTTCAGAGTTTCAAGTCAGCCTCTGGTTTCAGACAGGGGAAGTACCA
 CTTTCATCAGATCTCATTGACCAGGAGGCTGGACGAAGAACATCAAAAAGCAGCTACAGCAACGGTGGAAAT
 CCCAGTACTCAGAGGTCACCAAGTGCCTCATAGTGTGACCTCCATCAACAGCAGAGAACATGGT
 TTTGAAAATCCATGGCTTTGGCTACCATTGAAAACACCTGTGAAGAGCTCACAAAGAGTACCAGCAGAA
 ACACATCCGGTACACCCTCCATAGCGGTGTCTGGCACCTCACTCTCCTCAGAGCGGAGTGCATCTGAGGT
 AGATTTGAGTGTGATCATTGCGGAAGACTTAGAGGACACTTCAAGCATAAGAAGCAGATCTGTCCCTGGG
 GCTTTAGACAAAAGACTTGAATCCTTGAAGACACTGAAGACGGTGTGACTTAGTGTCTCCAGGTTTTT
 CTGCAAAATACCCACAGTCTGGCAAGTGGATTGTCAACTAACTCCCAAGCAGGATCTGATAGGAAGAGGAG
 CTACCTAAATGTGCCTGATGCCGATTGACACACTACTAGCCTAACAGCATGATGAGTGTTCACAGTGAA
 ACGGGAGACTATGGCAACGTGAAAGTACCGGTGAGATCCTTCTCCACATCAGCTACTGCTACAAAACCG
 GCGGGCTATACATTTTTGTCAAGAGCTGCAGAAACCTGGCCACAGGAGATGAAAAGAAAACAGAGGACAGA
 TGCTTATGTCAAGTCATACCTTCTCCAGACAAGTCCCGAAAACAACAGCGTAAGACCAAAATCAGAACG
 GGTACCAATCCAGAATCAACGAAACATTAAGTATACCATCAGCCACACCCAGCTGGAACAAGAAGTCT
 TGCAGCTCTCAGTCTGGCACTATGATCGGTTTGGACGCAACAGTTTCTGGGAGAGGTGGAGATTGCTTT
 TGACTCATGGAATTTGAAAATCCATGTGATGAGTGGTTTGTGCTTCAGCCGAAGGTGGAGTTGGCTCCT
 GATATTAGCCTTCAATACAAAGGAGAGTAACCATTGTTTTGCGTTATATTCCTCCAGAGGAGAACCTAA
 TATTCACAGCAGGACAGCGTCAAGAAAAGAAGATCTTTAAAAGGGGAAAAGAAGAAAGAGTCACTTCCAT
 TTCTGGGGGAATACTTGAAGTGTTCATCAAAAAGCAAAGAATCTGACAGCAGTAAAATCAGGAGGCACT
 TCTGACAGCTTCGTCAAGGGCTACCTGCTTCTGATGATAACAAAGCCACCAAGCACAAAACCTGCTGTTG
 TAAAAAGAGTGTCAATCCTGAGTGGAAACCATACGTTTCAATTCAGTGGCCTGTATCCTCAGGATATAAA
 GAATGCTTGCCTAGAAGTCAACCTCTGGGACAAAGAGGCCTTTCCAGCAACGCTTTTCTAGGAGGTGTT
 CGTTTAAATCTGGAAGTGGTATGAGCTACGGTAAAACGTGGACTGGATGGACTCTCATGGGGAAGAGC
 AACGCCTTTGGCAAAAGATGGCTGACAACCTGGGACATCTGTAGAGGGGTTTCTCATGCTACGTTCCAG
 CATGGCGAAATGTAGGCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_177704
 Insert Size: 2262 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:	NM_177704.3 , NP_808372.1
RefSeq Size:	6623 bp
RefSeq ORF:	2262 bp
Locus ID:	236643
UniProt ID:	Q80T23
Cytogenetics:	X A1.1
Gene Summary:	<p>May act as Rab effector protein and play a role in vesicle trafficking. Binds phospholipids (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>