

Product datasheet for **SC126395**

SYTL1 (BC015764) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SYTL1 (BC015764) Human Untagged Clone
Tag:	Tag Free
Symbol:	SYTL1
Synonyms:	9030417L18; JFC1; MGC7008; OTTMUSP00000011227; PSG1-1; Slp1; synaptotagmin-like 1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC015764 edited
 GCGCATGGGCCAAAGCCTGAGACTGAAGGACTGTTGGACCTCAGCTTCCTGACAGAGGAG
 GAGCAGGAGGCCATTGCTGGCGTCTCCAACGAGATGCCCGCCTGCGCCAGCTGGAGGAG
 GGGCGGTTCAGCAAGCTCCGGGCTCAGTGGCAGACCTGGGCAGCTGAAGATCCTGACA
 GGGGACTGGTTCAGGAAGCAGCTCCAGCGGCACCAATGCCCACTTCGGCTCTGAC
 CTTGTCCGAGCGTCTATGCGCAGGAAGAAGAGCACCAGGGGAGACCAGGCTCCAGGCCAC
 GACAGGAGGCTGAGGCTGCTGTGAAAGAGAAGGAAGAGGGGCCAGGCCAGGCTCACC
 ATTGATGAGGCCCTCAGGAGAGGCTCAGGGAGACTGAGGGACCTGATTTCCCATCGCCT
 TCTGCCCCCTAAAGGCTTCAGATCCTGAGGAGCGTCCAGGCCAGGAAGATCCTGGC
 CAAGGAGACCAACAGGTCTGTGCCGAGGAGGCTGACCCGAGCTGGAGCCCGCTCGGGG
 GGAGAGCAGGAGCCGCGGCCAGCAAGCCAGACCAAGCCGCTCCAGATCCTGGAG
 AATGGGAGGAGGCCCGGGGCCGACCCCTCTCTGACCGCATGCTCAGCAGCAGCTCC
 TCGGTGTCCAGCCTTAACCTCCACGCTGAGCGGCAGCCAGATGAGCCTGTGAGCGAC
 GCGGAGGCGGTGACGTCGCGGCTCCGTGCATTCGCGTGCCTACGAGCCGGGCGCC
 GCCGAGCTGCGCTGCAGTGATCCAGTGCCAGGCGCTGCCCGCCGCCGCGCCGCCG
 TCGGACCCCTACGTCAAAGCTACCTCCTCCCGATAAGCAGAGCAAGCGCAAGACGGCG
 GTGAAGAAACGGAATCTGAATCCGGTTTCAACGAGACTCTCCGTAACCTCCCGCAG
 GCCGAGCTTCAGGGCCGCGTGTGAGCCTGTCTGTGTGGCACCAGCAAGCCTGGGTGCG
 AACATCTTTCTGGGCGAAGTTGAAGTGCCCTGGACACGTGGGACTGGGGCTCTGAGCCC
 ACCTGGTCCCCCTGCAGCCCCGGTCCACCCCTCTCCGACGACCTTCGAGCCGCGGG
 TTAATCGCCCTGTCCCTCAAGTACGTCCCGCCGGCTCCGAGGGCGCAGGACTGCCCCG
 AGCGGGGAGCTGCACTTCTGGGTGAAGGAGGCTCGGGACCTCTGCCGCTGCGGGCAGGA
 TCCCTGGACACTTACGTACAATGCTTCGTGCTGCTGATGACAGCCAGGCCAGCCGCCAG
 CGTACAAGGGTTGTGCGACGCAAGCCTCAGCCCTGTGTTCAATCACACCATGGTGTACGAT
 GGCTTTGGGCTGCTGACCTGCGCCAGGCTTGTGCCGAGCTCTCCTCTGGGACCATGGG
 GCCCTGGCCAACCGCAGCTGGGGGACACGCCTCAGCCTGGGACCGGCAGCAGCTAT
 GGGCTGCAGGTGCCCTGGATGGATTCCACACCTGAGGAGAAGCAGCTGTGGCAAGCCCTC
 CTGGAGCAGCCGTGCGAATGGGTGGATGGCCTTCTACCCCTCAGAACCAACCTGGCCCCC
 AGGACGTAGCCCCACCAAGCCTCTCTCTGAGCCCCATCTCAGGGCCTGCCCTTGGCT
 AAAGTCAATAAAGTCTATTCTAAGAGCAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC015764 unedited
 NGCAGGTTTCAGGATATTTGTNATNACGAACTTCACTNANAGGGNCGGACCGCTAATTCA
 GTTNNCTGGTACCGGTGCCGGNAATTCCTGGGATGAACTCGGCTGCCAGGGAGCTGGA
 GCCACCTGCGAAGTGTCTCCATACTGGACCCCTACAGGAAGCTCCGTGTGCCAGCTG
 GGGCACAGCCCCAGCTGATGCCCCAGAGGGGCCACCCATCGCAAGAGGGGCTTTGGGCTC
 TGCCCTCCCTCCCATGGCGCATGGGCCAAAGCCTGAGACTGAAGGACTGTTGGACCTCA
 GCTTCCTGACAGAGGAGGAGCAGGAGGCCATTGCTGGCGTCTCCAACGAGATGCCCGCC
 TGCGCCAGCTGGAGGAGGGCGGGTCAAGCAAGCTCCGGGCTCAGTGGCAGACCTGGGC
 AGCTGAAGATCCTGACAGGGGACTGGTTCAGGAAGCAGCTCCAGCGGCACCAATG
 CCCACTTCGGCTCTGACCTTGTCCGAGCGTCTATGCGCAGGAAGAAGAGCACCAGGGGAG
 ACCAGGCTCCAGGCCACGACAGGGAGGCTGAGGCTGCTGTGAAAGAGAAGGAAGAGGGGC
 CAGAGCCCAGGCTCACCATTGATGAGGCCCTCAGGAGAGGCTCAGGGAGACTGAGGGAC
 CTGATTTCCCATCGCCTTCTGTCCCCCTAAAGGCTTCAGATCCTGAGGAGGCGTCCCAGG
 CCCAGGAAGGATCCTGGCCAAAGAGACCAACAGGTCTGTGCCGAGGAGGCTGACCCTGAG
 CTGGAGCCGCGCTCGGGGAGAGCATGAGCCGCGGCCCAAGCAAGCCAGACCAAGGCC
 GCGTCCCAATACCGGGAAGGGGAGGAAGCCCGGGGCCGACCCCTCTCTCGGACG
 CCTGCTTAACAACAGCTCCTCGT

Restriction Sites: Please inquire
ACCN: BC015764

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>BC015764.1</u> , <u>AAH15764.1</u>
RefSeq Size:	1727 bp
Locus ID:	84958
Cytogenetics:	1p36.11
Gene Summary:	May play a role in vesicle trafficking (By similarity). Binds phosphatidylinositol 3,4,5-trisphosphate. Acts as a RAB27A effector protein and may play a role in cytotoxic granule exocytosis in lymphocytes (By similarity).[UniProtKB/Swiss-Prot Function]