

Product datasheet for **SC306079**

SYTL5 (NM_138780) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SYTL5 (NM_138780) Human Untagged Clone
Tag:	Tag Free
Symbol:	SYTL5
Synonyms:	slp5
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 NM_138780 edited
 TTATGTCTAAGAAGCTCAGAGTTCATCAATCTGTCAATTTTATTAGATCATGAGAAGGAAA
 TGATCCTGGGCGTCCTAAAGAGAGATGAATATTTGAAAAAAGTGGAGGACAAGAGAATAA
 GGAAGCTGAAAAATGAACTCTTAGAAGCAAAACGTAGAAGTGGGAAAACTCAACAAGAGG
 CCAGCAGAGTTTGTGTTCACTGTACAGAAACCTGGGCCTAATCTTTGACCGGGGAGACC
 CTTGTCAAGGCTTGCTCACTGAGGGTATGCAGGGAGTGTGAGTTGCAGGCCCAATGGCA
 GCTGGAAGTGCAGTGTCTGTGACAAAATCGCGCAGCTAAGGATTATAACTGGTGAGTGGT
 TTTTTGAAGAAAAGGCAAAACGTTTCAAGCAAGTCAATGTTCTCGGCACTGATGTTGTCC
 GACAGTCCATTTAAGAAGAAGTCCAGGAGCTGAAGAAGTACAGAGCCAAGAGCAAAACCC
 GCCAGGATGCAG:AAAAGTCAGACACTTCACCTGTTGCTGGGAAGAAGGCCAGCCATGAT
 GGGCCCAAGAGAAAGGGATTTCTTCTTAGCAAGTTCAGATCGGCAACCAGAGGAGAAATC
 ATAACCCAAAAGTCACTGGGCGGAGCTATAGCTGGACTTAGACGGTCAACATTTT
 CGGAGTTTAAAATCACCTCCTGGTTCAGACAGGGGAAGCACTGGCTCATCAGATCTCAAT
 GACCAGGAACCTGGTCTAGGACCCGAGAGCAGTCGGAGCAATGGTGTGACCCAGGC
 ACTCAGAGTTCACCAGCCCAAGCACACGAACTGTGACCTCAGTCATCAGTAGAGAGTAT
 GGTTTTGAAAATCCATGGATTTGGCTGCTATTGAAGGTACCTCTCAGGAGCTCACAAA
 AGTCACCCGAGAAACACTTCTGGCACACCTCCATAGCAGTGTCTGGAACCTCTCTCTCC
 TCAGATCAGAGTCGATCTGAGTTAGATTTGAGTGAGTCATTTACAGAAGACTCAGAGGAT
 ACTGTAAGCATAAGAAGCAAGTCTGTCCCTGGGCTTTAGACAAGGACTCCTTGGAAAGAG
 ACTGAAGAAAGCATTGATGCCTTAGTGTCTCGCAGTTATCTACAACACTCACCGTCTG
 GCAAGTGGCCTATCAACTACCAGCCTAACAGCATGATGAGCGTTTACAGTGAACGGGA
 GACTATGGCAACGTGAAAGTCAGTGGTGAATCCTTCTCCATATCAGCTACTGTACAAA
 ACTGGTGGGCTGTACATTTTGTCAAGAATTGCAGAAATCTGGCCATAGGAGATGAAAAG
 AAACAGAGGACAGATGCTTATGTCAAGTCAATCTTCTTCTGACAAGTCCCGGAACAAC
 AAGCGTAAGACCAAAATCAGAACAGGCACCAATCCAGAATTCAATGAAACACTAAAGTAC
 ACTATCAGCCATACCCAGCTGGAACAAGAAGTCTGCAGCTCTCAGTCTGGCACTATGAT
 CGATTTGGACGTAATAGCTTCTCGGGGAAGTAGAGATTCCTTTTGACTCATGGAACCTT
 GAAAATCCAAGTATGAGTGGTTTGTGCTTCAACCAAGGTGGAGTTTGTCTCTGATATT
 GGCCTTCAATACAAGGAGAGCTGACAGTTGTTTTACGTTACATTCACCCAGAAGAGAAC
 CTGATGCTTCCACCAGAACAAGTCCAAGGAAATAAGACTTTTAAAAGGGAAAGAAGAAG
 GAGTCACTGTAATCTCTGGAGGAATACTAGAAGTGTTCATCAAAGAGGCAAGAATTTG
 ACAGCAGTGAAGTCAGGAGGCACTTCTGATAGCTTTGTGAAGGGCTACCTGCTCCCTGAT
 GATAGCAAAGCCACCAAGCACAAAAGTCTGGTAATAAAAAAGAGTGTAAACCTCAGTGG
 AATCATACATTGATGTTCAAGTGGCATCCATCCCCAGGATATAAAGAATGTTTGCCTAGAA
 CTTACTATCTGGGACAAGGAGGCCTTTTCCAGCAACATCTTTCTGGGAGGAGTTCGTTTG
 AATTCTGGAAGTGGTGTGAGCCATGGGAAGAACGTGGATTGGATGGACTCTCAGGGGGAA
 GAGCAGCGCCTTTGGCAGAAGATGGCCAACAACCTGGAACCTCCCTTTGAGGGTGTACTC
 ATGCTTCGTTCCAGCATGGGAAAATGTAGGCTCTAATATATTTGAAGGGGAATTCTGCA
 GATATCCATACACACTGGCGGCCCGCAGCATGC

Restriction Sites: Please inquire

ACCN: NM_138780

Insert Size: 2300 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).

OTI Annotation: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_138780.1.

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_138780.1</u> , <u>NP_620135.1</u>
RefSeq Size:	2193 bp
RefSeq ORF:	2193 bp
Locus ID:	94122
UniProt ID:	<u>Q8TDW5</u>
Cytogenetics:	Xp11.4
Gene Summary:	<p>The protein encoded by this gene belongs to the synaptotagmin-like (Slp) protein family, which contains a unique homology domain at the N-terminus, referred to as the Slp homology domain (SHD). The SHD functions as a binding site for Rab27A, which plays a role in protein transport. Expression of this gene is restricted to placenta and liver, suggesting that it might be involved in Rab27A-dependent membrane trafficking in specific tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]</p> <p>Transcript Variant: This variant (1) encodes the shorter isoform (1). Variants 1 and 2 encode the same isoform.</p>