

Product datasheet for **SC123615**

TLL1 (BC016922) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TLL1 (BC016922) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLL1
Synonyms:	TLL; tolloid-like 1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>OriGene sequence for BC016922 edited
 GACCCACGCGTCCGGTCCCGGCGGCATCCACATGTTTCCGGACACCTGAGCACCCCGGTC
 CCGCCGAGGAGCCTCCGGTGGGGAGAAGAGCACCCGGTGCCCTAGCCCCGCACATCAGC
 GCGGACCGCGGCTGCCTAACCTCTGGGTCCCGTCCCCTCCTTTTCTCCGGGGGAGGAGG
 ATGGGGTTGGGAACGCTTTCCCCGAGGATGCTCGTGTGGCTGGTGGCCTCGGGGATTGTT
 TTCTACGGGGAGCTATGGGTCTGCGCTGGCCTCGATTATGATTACACTTTTGTATGGGAAC
 GAAGAGGATAAAAACAGAGACTATAGATTACAAGGACCCGTGTAAGCCCGTGTATTTTGG
 GCGGATATTGCCTTAGATGATGAAGACTTAAATATCTTTCAAATAGATAGGACAATTGAC
 CTTACGCAGAACCCTTTGGAAACCTTGGACATACCACAGGTGGACTTGGAGACCATGCT
 ATGTCAAAGAAGCGAGGGGCCCTCTACCACTTATAGACAGGATAAGAAGAATTGGCTTT
 GGCTTGGAGCAAAAACAACACAGTTAAGGGAAAAGTACCTCTACAATTCTCAGGGCAAAA
 GAGAAAAATCGAGTTCCAGAGCCGCTACATCAAGAACGGAAAGAATATGGCCTGGAGGC
 GTTATTCCTTATGTTATAGGAGGAACTTCACTGGCAGCCAGAGGCCATGTTCAAGCAG
 GCCATGAGGCACTGGGAAAAGCACACATGTGTGACTTTCATAGAAGAAGTATGATGAAGAG
 AGTTACATTGTATTCACCTATAGGCCTTGTGGATGCTGCTCCTATGTAGGTCGGCGAGGA
 AATGGACCTCAGCAATCTCTATCGGCAAGAAGCTGTATAAATTTGGGATTGTTGTTTCAT
 GAATTTGGGTCATGTGATAGGCTTTTGGCATGAACACACAAGACCAGATCGAGATAACCAC
 GTAATATCATAAGAGAAAAATCCAGCCAGGTCAAGAGTACAATTTTCTGAAGATGGAG
 CCTGGAGAAGTAACTCACTTGGAGAAAGATATGATTTTCGACAGTATCATGCACTATGCC
 AGGAACACCTTCTCAAGGGGGATGTTTCTGGATACCATTTCCCCTCCCCTGATGATAAT
 GGCATACGTCCTGCAATTGGTCAGCGAACCCGTCTAAGCAAAGGAGATATCGCACAGGCA
 AGAAAGCTGTATAGATGCCAGCATGTGGAGAACTCTACAAGAATCCAATGGCAACCTT
 TCCTCCAGGATTTCCCAATGGCTACCTTCTTACACACACTGCATCTGGAGAGTTTCT
 GTGACCCAGGGGAGAAGGTTGATTTTCACTCTGTTGATTGTGCTTCTGATGAACACA
 AATTATAAAGTTTGTATGCATACCACTTGTCTACTTTTAGTTTTATTGCCTGTGCTTTTG
 GTGTCATAGCCAAGAAATCATGGCCATATGTAATGACATGAAGTTTTTACCCTGTGTTTT
 CTTCTATGAGTTCTATAGTTTTACAGTCTTATATGTAGGTTTTTAATCAATATTGTGTTA
 ATAGAACCATTCTGTACATGTGGATATCCAGTTTTCTCAACACCATTGTTAAAGATT
 TACTAAATGTTTTTATTCAGCATTCTGCTCATGTTTCTGACTTCTATTATGGCTTATTT
 TGGTCTGCCTATAGCTTACATTATAGATTATTTTTTAAATTAGCGTTTTTGTTTTTTTC
 TGTTTGAAAATGTGGATTTTTTACATGAATTTATAAACTATAGTTTCACTGGATATAGT
 TGGCTGCACATTTAACTTTGTTTTAAATAAAAGCTTGCAAAAATAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for BC016922 unedited
 NGCGATGGGATTTGTATACGACTTTTATAGCGGCCGAGATCCCGGGATATCGTCGAC
 CCACGCGTCCGGACCCACGCGTCCGGTCCCGGCGGCATCCACATGTTTCCGGACACCTGA
 GCACCCCGTCCCGCCGAGGAGCCTCCGGTGGGGAGAAGAGCACCCGGTGCCCTAGCCC
 CGCACATCAGCGCGGACCGGGCTGCCTAACCTCTGGGTCCCGTCCCCTCCTTTTCTCC
 GGGGGAGGAGGATGGGGTTGGGAACGCTTTCCCCGAGGATGCTCGTGTGGCTGGTGGCCT
 CGGGGATTGTTTTCTACGGGGAGCTATGGGTCTGCGCTGGCCTCGATTATGATTACACTT
 TTGATGGGAACGAAGAGGATAAAAACAGAGACTATAGATTACAAGGACCCGTGTAAGCCG
 CTGATTTTTGGGCGATATTGCCTTAGATGATGAAGACTTAAATATCTTTCAAATAGATA
 GGACAATTGACCTTACGCAGAACCCTTTGGAAACCTTGGACATACCACAGGTGGACTTG
 GAGACCATGCTATGTCAAAGAAGCGAGGGGCCCTTACCAACTTATAGACAGGATAAGAA
 GAATTTGGCTTTGGCTTGGAGCAAAAACAACAGTTAAGGGAAAAGTACCTCTACAATTCT
 CAGGGCAAAAATGAGAAAATCGAGTTCCAGAGCCGCTACATCAAGAACGGAAAGAAATAT
 GGCTTGGAGGCGTTATTCCTTATGTTATAGGAGGAACTTCACTGGCAGCCAGAGAGCCA
 TGTTCAAGCANNGCCATGAGCACTGGGAAAAGCACACATGTGTGACTTTNCATAGAAGAAG
 TGATGAAGAGAGTTACATTGTATTCACCTATAGGCCTTNGGGATGCTGCTCCTATGTAG
 GTCGGCGAGGAAATGA

Restriction Sites:	Please inquire
ACCN:	BC016922
Insert Size:	1887 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:	BC016922.1 , AAH16922.1
RefSeq Size:	1887 bp
Locus ID:	7092
Cytogenetics:	4q32.3
Protein Families:	Druggable Genome, Protease, Secreted Protein
Gene Summary:	This gene encodes an astacin-like, zinc-dependent, metalloprotease that belongs to the peptidase M12A family. This protease processes procollagen C-propeptides, such as chordin, pro-biglycan and pro-lysyl oxidase. Studies in mice suggest that this gene plays multiple roles in the development of mammalian heart, and is essential for the formation of the interventricular septum. Allelic variants of this gene are associated with atrial septal defect type 6. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]