

## Product datasheet for **SC308940**

### TLL2 (NM\_012465) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TLL2 (NM_012465) Human Untagged Clone
Tag:	Tag Free
Symbol:	TLL2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_012465 edited

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GCACGCAACTCCCTCTGCCCCAGCCGCCCGCCACCATGCCCGGGGACTGCACTT
GGGGCCCTGGTGTCACTGCTGCTGCTGCCGCTGCCTCGCGGGCCGGGGACTCGGG
GAGCGCCCGGACGCCACCGCAGACTACTCAGAGCTGGACGGCGAGGAGGCACGGAGCAG
CAGCTGGAGCATTACCACGACCCTTGCAAAGCCGCTGTCTTTTGGGGAGACATTGCCTTA
GATGAAGATGACTTGAAGCTGTTTCACATTGACAAAGCCAGAGACTGGACCAAGCAGACA
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AAATCGAGCTCCAACAGACTGTGGATGAAGTTTGTGTCCGATGGCTCTATCAATAAAGCG  
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 CAATGTTATCATTGAACTGTTAAAGTGTAAAGATTAGAATTGAAGTCACTGACCAT  
 TCCGG

**5' Read Nucleotide  
 Sequence:**

>OriGene 5' read for NM\_012465 unedited  
 GTCAAGGTTGTTTTGTATACGACTCATTATAGGGCGGCCGATTGCCCCTTCGTGCAC  
 GCAACTCCCTCTGCCCCAGCCGCCCCGCGCCACCATGCCCGGGCGACTGCACTTGGGG  
 CCCTGGTGTCACTGCTGCTGCTGCTGCCGCTGCCTCGCGGCGCCGGGGACTCGGGGAGC  
 GCCCGGACGCCACCGCAGACTACTCAGAGCTGGACGGCGAGGAGGGCACGGAGCAGCAGC  
 TGGAGCATTACCACGACCCTTGCAAAGCCGCTGTCTTTGGGGAGACATTGCCTTAGATG  
 AAGATGACTTGAAGCTGTTTACATTGACAAAGCCAGAGACTGGACCAAGCAGACAGTGG  
 GGGCAACAGGACACAGCAGAGTGGGCTTGAAGAGCAGGCATCTGAGAGCAGCCCAGACA  
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 GAGCCACAACCTCAAGGACAGAGAGGATATGGCCTGGAGGAGTCAATCCCCTACGTATTG  
 GAGGGAACCTCACTGGGAGCCAGAGGGCCATTTTAAAGCAGGCCATGAGACACTGGGAGA  
 AGCACACCTGTGTGACCTTCATAGAAAGGACGGATGAGGAAAGCTTTATTGTATTGATTT  
 ACAGAACCTGTGGCTGTTGCTCTATGTTGGGCGCCGAGGAGGAGGCCACAGGCCATAT  
 CCATTGGGAAGAACTGTGACAAGTTTGGCATTGTGGCTCACGAGCTGGCCATGTGGTTG  
 GGTTTTGGCATGAACACACCCCGCCAGACAGAGACA

<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_012465 unedited CCATTGGNNGATGGCACTTCCAGGNCCAGGNANGANCACTGGNGGNAGGGGTCACAGGG NATGCCACCCGGGATCTGTTTCAGGAAACAGCTATGACCGCGGCCCAATCTAGAGTCGAC AAGCTTGATATCTGCAGAATTCGCCCTCCGGAATGGTCAGTGACTTCAATTCTAATCTT TAACACTTTAACAGTTTCATGAATGATAACATTGCAGACAGAAGCAAAAGAACATTTTTCT CTCCACCTTGTGGCCAAACTTACAAGACTTTCATTCAAATATATACCTCTAAGGCTGGA TTCTGAGTTTTTGTGGAGAAAAATACTGTACACTGTTTTAGGGCAGATTTTCAAGTGC TATTGTTGTTAAAAACAAAACAAAACAAAATAATTCTCAGTTTCTGTCTTTCAAGAACA TCAGCACTATTTCTCATGTGCAGGGCATCCTGGAACCTGGTGCTGGTGTATCGGGCATG AAAGCCTTTCTTGTGATGGTGCATCTGTGCGGAATCGAATCATCAGGGAATCACCTGC AGAGTAGATTTCTTAATGGCCAGAGCCACAGAAGCGGCCGAGCCTGGGCGCTGAGCT GTCGTAGCCGTCGTAGGCTTCCATGTAGTCGTAGCCGAGTCGGCCTCCTCCTCAACCTC AAAGGTCCGGAATGTCAGCTCCACGCCGTAGCCGTCCTGCCACGATCACCCAGTCACA GCGGGCCTCGCTCGGGTAGTTGTTGTCCCAAACCTGGGCGTGGGAATAGAGCTCTTGGT CTGCATTCAGCCTTCAGCCTGCCCCGCACTCTGTGCTGTGCACTGCCTGGAAGCCCTT TCTCTGCANCTGAGCAC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_012465
<b>Insert Size:</b>	3400 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_012465.2</a></u> , <u><a href="#">NP_036597.1</a></u>
<b>RefSeq Size:</b>	6753 bp
<b>RefSeq ORF:</b>	3048 bp
<b>Locus ID:</b>	7093
<b>UniProt ID:</b>	<u><a href="#">Q9Y6L7</a></u>
<b>Cytogenetics:</b>	10q24.1
<b>Domains:</b>	CUB, Astacin, EGF_CA, ZnMc, EGF, EGF

**Protein Families:** Druggable Genome, Secreted Protein

**Gene Summary:** This gene encodes an astacin-like zinc-dependent metalloprotease and is a subfamily member of the metzincin family. Unlike other family members, a similar protein in mice does not cleave procollagen C-propeptides or chordin. [provided by RefSeq, Jul 2008]