

Product datasheet for **SC329764**

TLL1 (NM_001204760) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TLL1 (NM_001204760) Human Untagged Clone
Tag: Tag Free
Symbol: TLL1
Synonyms: ASD6; TLL
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329764 representing NM_001204760.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

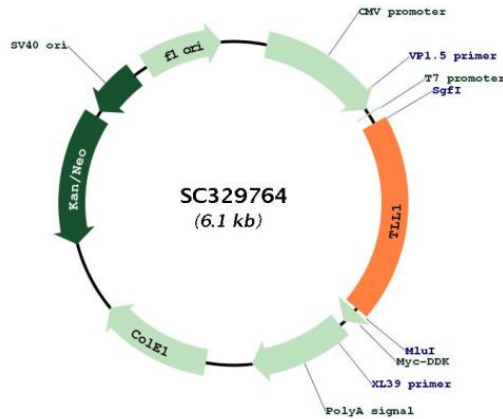
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TTAAATATCTTTCAAATAGATAGGACAATTGACCTTACGCAGAACCCTTTGGAAACCTTGGACATACC
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TACCTTCTTACACACTGCATCTGGAGATTCTGTGACCCAGGGGAGAAGTTGTATTTTCACTC
TGTGA
  
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001204760

Insert Size: 1179 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:

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_001204760.1](#)

RefSeq Size: 2332 bp

RefSeq ORF: 1179 bp

Locus ID:	7092
UniProt ID:	O43897
Cytogenetics:	4q32.3
Protein Families:	Druggable Genome, Protease, Secreted Protein
MW:	44.2 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) is missing many exons from the 3' end, and contains a novel 3' terminal exon compared to variant 1. This results in a frame-shift, and a much shorter isoform (2) with a distinct C-terminus compared to isoform 1. This isoform lacks experimental support.</p>