

Product datasheet for **RC232640**

TLL1 (NM_001204760) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TLL1 (NM_001204760) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: TLL1
Synonyms: ASD6; TLL
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC232640 representing NM_001204760
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGTTGGGAACGCTTTCCCGAGGATGCTCGTGTGGCTGGTGGCCTCGGGGATTGTTTTCTACGGG
AGCTATGGGTCTGCGCTGGCCTCGATTATGATTACACTTTTGATGGGAACGAAGAGGATAAAACAGAGAC
TATAGATTACAAGGACCCGTGTAAGCCGCTGTATTTGGGGCGATATTGCCTTAGATGATGAAGACTTA
AATATCTTTCAAATAGATAGGACAATTGACCTTACGCAGAACCCTTTGAAAACCTTGACATACCACAG
GTGGACTTGGAGACCATGCTATGTCAAAGAAGCGAGGGGCCCTACCAACTTATAGACAGGATAAGAAG
AATTGGCTTTGGCTTGGAGCAAAACAACACAGTTAAGGGAAAAGTACCTCTACAATTCTCAGGGCAAAAT
GAGAAAAATCGAGTTCCAGAGCCGCTACATCAAGAACGAAAAGAATATGGCCTGGAGGCGTTATTCCTT
ATGTTATAGGAGGAACTTCACTGGCAGCCAGAGAGCCATGTTCAAGCAGGCCATGAGGCACTGGGAAAA
GCACACATGTGTGACTTTATAGAAAGAAGTGAAGAGAGTTACATTGTATTCACCTATAGGCCCTTGT
GGATGCTGCTCCTATGTAGGTCGGCGAGGAAATGGACCTCAGGCAATCTCTATCGGCAAGAACTGTGATA
AATTTGGGATTGTTGTTTCATGAATTGGGTCATGTGATAGGCTTTTGGCATGAACACACAAGACCAGATCG
AGATAACCACGTAACATCATAAGAGAAAAATCCAGCCAGGTCAGAGTACAATTTTCTGAAGATGGAG
CCTGGAGAAGTAACTCACTTGGAGAAAGATGATTTTCGACAGTATCATGCATATGCCAGGAACACCT
TCTCAAGGGGATGTTTTCTGGATACCATTCTCCCTCCCGTGATGATAATGGCATACGTCCTGCAATTGG
TCAGCGAACCCGCTAAGCAAAGGAGATATCGCACAGGCAAGAAAGCTGTATAGATGTCCAGCATGTGGA
GAAACTCTACAAGAATCCAATGGCAACCTTTCCTCTCCAGGATTTCCCAATGGCTACCCTTCTTACACAC
ACTGCATCTGGAGAGTTTCTGTGACCCAGGGGAGAAGTTGTATTTTCACTCTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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_001204760.2](#)

RefSeq Size: 2332 bp

RefSeq ORF: 1179 bp

Locus ID: 7092

UniProt ID: [O43897](#)

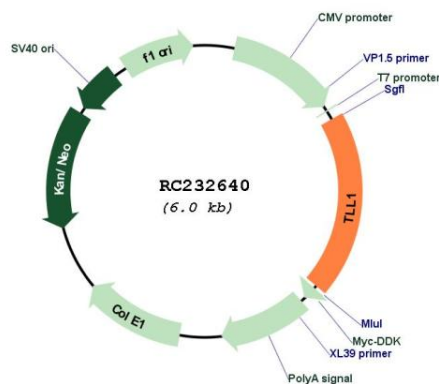
Cytogenetics: 4q32.3

Protein Families: Druggable Genome, Protease, Secreted Protein

MW: 44.2 kDa

Gene Summary: 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]

Product images:



Circular map for RC232640