

## Product datasheet for **SC211923**

### TLL4 (NM\_014640) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** TLL4 (NM\_014640) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** TLL4  
**ACCN:** NM\_014640  
**Insert Size:** 1057 bp  
**Insert Sequence:** >SC211923 3'UTR clone of NM\_014640

The sequence shown below is from the reference sequence of NM\_014640. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGTGACTCCCTCCTGGCTGTGAGCCCATAACTGGCCTCTCTCCAAAAGCCTCTGCCAGGAGCATGGGC
ATCAGCTACCTCACGGGAACCAGCCTGCTGTTCCAGACCAGTCTGACCCCTACCCCTTTACCCTGTCC
CTCCTCAGAGTATTTTTGAAGTGGTTGCATTATAGAGATGGGTATTTGTAGGGCCGAGGGATGGTAG
TGATGGGAGAAGGTGAGGAAGGTACACCTCTGTACCTGTCTGCCTGGCTGGCACCTCATATCTCAG
CAGAGAAGCCAGTGGTGGCCACGCAGCCTTATAAAGCAGGTTTTGGTTTTACTTAAAGTGAGCCATGT
GTGTTTTGTCTGGGGGCCCTGGTGTGGTTGCTGAGTTGTAGCTCAAGAGGAGAAAACATACAGAACATA
TTTGGACCGAAATCCTTTGTTCTGAATTTGAGGGGTCTTCTGAGGTCCTTACTTCCTTAGGTCTTTC
CTCACCCCTCTCCCACCGCTGTCTGAGGAGAAACCTTGAACCTCCTCAGTAGACAGGCGGAGAGGCC
ACAACATGCCGAACCCATTTCTGTATCCTAGTCTTGGGTCTTACCCGCTCCTTCCAAATACCCACC
CTGCCAGCAGCCCTAGGCTTCTGTTCTGACCCCCATCACTGCTCGTTCAGCCTTCTAGATGTCTCT
CTCGTGGACATCTGTTCTTTAGCTGTTGGCTTTCTCTGAGGTGTGAGAGGGTCTATGAACCTTGTGAAT
TTCCCATGGCCCCAGTGAAGGAGCCAGATAATCCCAGTAGCTGTTACCTGTCTCCATGTATCAAAGGA
CACAGTCCAGGGGAGGGTGAAGGAGATGTGGTTTTCTATAGTGCAACAAACATGGTTTTCTCAATGT
TCTGCTGTGCAGCAAGCAGGGTCTGGCGCTTGGTAGGTGGTTTTCAGGAGCAGTCACTATTGTAGGAT
GGGCTTCCAATCAAACCTCAGACTAAACTTGTACTGAACCTGATTCTACCTCCCTCTAGACTCAG
TAAACAGTGACTATTCAATAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_014640.5</a>
<b>Summary:</b>	Glutamylase which preferentially modifies beta-tubulin and non-tubulin proteins, such as NAP1L1, NAP1L4 and CGAS. Involved in the side-chain initiation step of the polyglutamylation reaction rather than in the elongation step. Involved in formation of short side-chains. Mediates initiation of polyglutamylation of nucleosome assembly proteins NAP1L1 and NAP1L4. Also acts as a monoglutamylase: generates monoglutamylation of CGAS, leading to impair the nucleotidyltransferase activity of CGAS.[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	9654
<b>MW:</b>	38.3