

## Product datasheet for **SC323173**

### **TTLL10 (NM\_001130045) Human Untagged Clone**

#### **Product data:**

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | TTLL10 (NM_001130045) Human Untagged Clone |
| Tag:                      | Tag Free                                   |
| Symbol:                   | TTLL10                                     |
| Synonyms:                 | TTLL5                                      |
| Mammalian Cell Selection: | Neomycin                                   |
| Vector:                   | pCMV6-Entry (PS100001)                     |
| E. coli Selection:        | Kanamycin (25 ug/mL)                       |



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**Fully Sequenced ORF:** >SC323173 representing NM\_001130045.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGACCACAGCTGCACCCGGTTTCATCCACCGCGGGGACCACCCACTCGGACCCGAGCCGGCTTCAAG
AGGGGCAAGAGGCCAAGGATCCAGCAGAGGCCTCGGGCTCGAGTCTCAGGGACCATCCCTGCGTCACGT
CTGCACCCAGCACCGGCCTCACAGCCCGGCCCTGCCCTGCACCAGGCCACTGCCCTGTTGGCCCGGCC
CACGAGAGGCCAATGGGAGCAGCCAGGAGGAGGACTCCGGTGTAGCCAAGCCAGCCAGACCAGAC
GCAGATGGACACTGTGGGCCGACCTGGAGGGGCGAGAAAGAGCCTCTGCCACACCCGGACCCCTGGG
CTCCTGAACAGCCACCGGCCTGCAGACTCGGATGACACTAACGCCCGCGGCCCTCAGTGCCCTCTG
GAGGGGCTCTGCTGGGGGTGGGAAGCCATCGCCCCACAGCACCCGGCCGGGGCCCTTCTTCTACATT
GGAGGCAGCAACGGGGCCACAATCATCAGCTCCTACTGCAAAAGCAAGGGCTGGCAGCGCATCCATGAC
AGCCGCCGGGACGACTACACGCTGAAGTGGTGTGAGGTCAAGAGCCGAGACAGCTACGGCAGCTTCCGG
GAAGGAGAGCAGCTGCTGTACCAGCTTCCAACAACAAGCTCCTACCACCAAGATCGGGTGTCTCAGC
ACCTTTCGGGGACGGGCACGGGCCATGAGCAAGGCCAGCAAGGTGCCGGGGGGGTCCAGGCCAGGCTG
GAAAAGGACGCAGCAGCGCCCGCCTGGAGGACCTCCCGTGGACAAGCCAGGATACCTCAGGCCACAG
AGGGTCTTGAGATGGAAGAGTTTTTCCAGAGACCTACCGCCTGGACCTCAAACACGAGAGAGAGGCC
TTTTTACCTTGTTTGATGAAACCCAGATATGGATCTGCAAGCCACAGCCTCCAACAGGGCAAAGGC
ATCTTCTGCTCCGGAACCAGGAGGAAGTTGCCGCCCTGCAGGCCAAGACCCGGAGCATGGAGGACGAC
CCCATCCACCACAAGACGCCGTTCGGGGGCGCTCAGGCGCGGGTGGTGCAGAGGTACATCCAGAACCCG
CTGCTGGTGGACGGGAGAAAGTTTGACGTGCGCTCCTACCTGCTCATTGCCTGCACCACACCTACATG
ATCTTCTTTGGCACGGCTATGCTCGCCTACCCCTTAGCCTTTACGACCCCAATTCAGCGACCTCGGC
GGCCACTTGACCAACCAGTTTCATGCAGAAGAAGAGCCCTCTGTACATGCTGCTGAAGGAGCACACGGTG
TGGAGCATGGAACACCTCAACCGCTACATCAGTGACACGTTCTGGAAGGCCCGGGGCTCGCCAAGGAC
TGGGTCTTACCACCCTCAAGAAGCGGATGCAGCAGATCATGGCCCACTGCTTTCTGGCCGCAAGCCC
AAGCTGGACTGCAAGCTGGGTTACTTTGACCTCATTGGCTGTGACTTCTGATTGATGACAACTTCAAG
GTATGGTGTGAGATGAATTCAACCCAGCCCTGCACACCAACTGCGAGGTCTGAAGGAGGTATC
CCAGGTGTGTCATCGAGACCTGGACCTGGTGTGCTGAGACCTTCGGAAGAGCCTGCGCGGCCAGAAG
ATGTTGCCTCTGCTGTCCAGCGCCGCTTCGTGCTCCTGCACAACGGTGAGGCCGACCCGCGGCCGAC
CTGGGGGCTCGTGCAGCCTCCGCGCTGGCCGCCCTGCCACCCGCCAGGCCAAGTCTCCGGGCCA
CCCATGCCGCATGCCCCAGACCAGCCGGGCGCCGAGGCTGCGCCACCTCCCTTGGTGCCTGAGCGT
CCCCGGCCACCCGGCCCCGACCTGGACAGCGCCACGATGGGGAGCCCCAGGCCCGGGCACGGAGCAG
TCGGGCACAGGCAACAGGCACCCGGCGCAAGAGCCTTCCCGGGGACAGCCAAGGAGGAACGCGAGGAG
CCTGAGAACGCGAGGCCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001130045

**Insert Size:** 2022 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>NM_001130045.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 2259 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 2022 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 254173                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u>Q6ZVT0</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 1p36.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MW:</b>                    | 75 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Summary:</b>          | <p>Inactive polyglycylase.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>                                                                                                                                                                                                                                                                                                                                          |