

Product datasheet for **SC326234**

TTLL11 (NM_001139442) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTLL11 (NM_001139442) Human Untagged Clone
Tag:	Tag Free
Symbol:	TTLL11
Synonyms:	bA244O19.1; C9orf20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



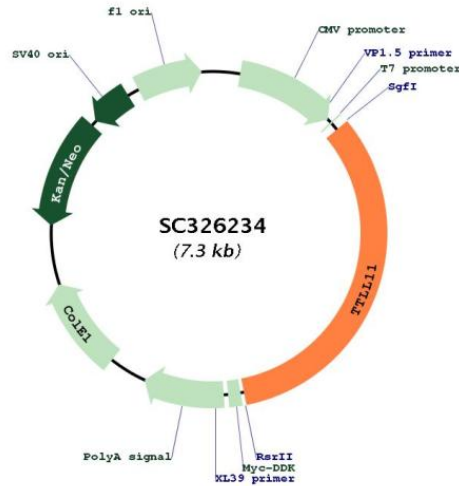
[View online »](#)

Fully Sequenced ORF: >SC326234 representing NM_001139442.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCCCGCGCTGCCTCTGTGACAGGCAGGGTCACGTGGGACGCCTCGCCTATGAGTGCCTGGGGCTC
GGCCGGCGATTGTCCTTCCCGACCCCGTCTCGATGCGGTGACTGCCGCTGTCAACCCGAGCCTGAGC
GATCATGGCAACGGGCTCGGGCGGGGAACGCGTGGCAGCGGCTGCAGCGCGGCAGTTTGGTGGCGGAC
TGGGGCGGCGAGCGGGCGGGCGGGCGGGTGGCACTGGCACTGGCCCCGGCCCTGAGCACCATGCGG
CGGGGAGCTCCGAGAGCGAGCTGGCGGCCGGTGGGAGGCGGAGGCGGTGGCTGCGGCCAAAGCGGCG
GCCAAAGCTGAGGCCGAGGCCACAGCGGAGACGGTGGCGGAACAGGTCCGCGTGGACGGGGCGCGGCC
GGGGAACCGAGTGCAAGGCAGGGGAGGAGCAGCCCAAGTCTGGCCCCGGCCCGCGCAGCCAGT
GCGGCTGAGGAGGGGAACACCCAGTCTTCAGCGGCCCGCCACGCTGCCCCGTCCAAGCCGAAG
CCGGTGCAGGGCCTCTGCCCGACGGGAAGCCCCGGGACAAGGGCCGAAGCTGCAAGCGGAGCTCGGGC
CACGGTTCGGGCGAGAACGGCTCCAGCGGCCGGTCCCGTGGACAGCTCCAAGGCCAGGACCTCCCTG
GATGCCCTGAAGATCAGCATCCGCCAGCTCAAGTGAAGGAGTCCCATTTGGCCGGCGCTTGCCCTGT
GACATCTACTGGCATGGAGTTTCATTTACGACAATGACATATTCTCCGGTCAAGTGAACAAGTTTCCA
GGCATGACGGAGATGGTGCATAAAATTACTCTGAGCAGAGCAGTGAGAACCATGCAGAATCTTTTCT
GAGGAGTACAACCTTACCCTCGCTCATGGATTCTGCCTGACGAGTTCAGCTCTTTGTTGCTCAGGTT
CAAATGGTGAAAGACGATGACCCCTCCTGGAAGCCCACTTTATCGTGAAACCTGATGGTGGTTGTCAG
GGTGATGGAATCTACCTATTAAGACCCAGTGACATCCGCTGGCAGGGACCTCCAGAGCAGGCCA
GGGGTGGTCCAGGAGTACATCTGCAACCTCTCCTTATCGACAAGCTCAAGTTTGATATCGTCTGTAT
GTCTTACTCAAGTCTTAGACCCCTTAGAGATTTATATAGCCAAAGACGGACTCTCTAGGTTTGTACC
GAGCCATATCAGGAGCCCAACCCCAAAAACCTGCACCGCATCTTATGCACTTAACCAACTATTCAGT
AACATCCACAGCGCAACTTCATCCACTCGGACAGTGCTAGCACTGGCAGCAAAAGGACTTTTTCCAGC
ATCCTTTGTAGACTGTCTTCAAAGGCGTTGACATCAAGAAGGTCTGGTCTGACATCATCTCCGTTGGT
ATTAAGACGGTCAATCGCGCTGACTCCAGAGCTCAAAGTCTTACCAGTCAAGATCCCCACGGGGAGG
CCGGGCCCCACGTGCTTCCAGATTTTAGGCTTTGACATTTCTAATGAAAAATCTGAAGCCTATACTA
CTTGAAGTAAATGCAAAATCCAGTATGAGAATCGAACATGAGCACGAACCTTCCAGGGGTGTTTGAA
AATGTCCCAGCCTCGTTGATGAAGAAGTGAAGTGGCTGTGATCAGAGACTCTGCGCCTCATGGAC
CCACTTAAGAAGAAAAGAGAGAATCAGTCTCAGCAGCTTGAAAAACCATTCGCTGGAAGGAAGATGCT
TTGGACGGCGAGCTGACCAGTGCTCCAGACTGCAACGCCAACCCCGAAGCCACCTGCCTTCCATTTGC
CTCAAGCAGGTGTTCCCAAGTACGCAAAACAGTTCAACTACCTGCGCCTGGTGGACAGGATGGCAAT
TTGTTTATCCGGTTCCTGGGCATCAAGGGGACAATGAAGTTGGGGCCAACAGGCTTTTCGTACCTCATA
AGGAGCTGCAAACTCAGCAGCAGCAGCCTGTCCATGGCTGCCGTGGACATCCTCTACATTGACATCACA
CGGAGGTGGAACCTCATGACCCTGGACCAGCGGACTCAGGGATGTGTCTGCAGGCTTCGTAGAAGCT
TTCTTTTCTGGCTCAGAGGAAGTTCAAGATGCTGCCACTTCATGAGCAGGTGGCTCACTGATTGAC
CTTTGCGAGTACCACCTGTCCCTGTGGATGAAAAACGCTGGTGTGTGGCCGGGGCGTCCCGTCCGGG
GGCCGGCCCCACACCGTGGCCCTCCCCAGGAGCCCTCCCCTCGGCCAGCCAGCAGGGGACAACCCC
CCACCCCGCACCAGCTGTGCAATAAGCTCTCCATCCCAGACATACCCTGTCTGA
AGCGGACCGACGCTACGCGGCCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGTTTAA
  
```

Restriction Sites: SgfI-RsrII

Plasmid Map:


ACCN: NM_001139442

Insert Size: 2403 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.

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_001139442.1](#)

RefSeq Size: 3280 bp

RefSeq ORF: 2403 bp

Locus ID: 158135

UniProt ID: [Q8NHH1](#)

Cytogenetics: 9q33.2

MW: 87.6 kDa

Gene Summary: Polyglutamase which preferentially modifies alpha-tubulin. Involved in the side-chain elongation step of the polyglutamylation reaction rather than in the initiation step (By similarity). Required for CCSAP localization to both spindle and cilia microtubules (PubMed:22493317). Generates long side-chains (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).