

Product datasheet for **SC306570**

TTLL10 (NM_153254) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TTLL10 (NM_153254) 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)
Fully Sequenced ORF:	>SC306570 representing NM_153254. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGGGAGCAGCCAGGAGGAGGACTCCGGTGTGAGCCAGCCAGCCAGCCAGCACGACGAGATGGACAC
 TGTGGGCGGACCTGGAGGGGCGAGAAAGAGCCTCTGCCACACCCGACCCCTGGGCTCCTGAACAGC
 CACCGGCTGCAGACTCGGATGACACTAACGCCCGGGCCCTCAGCTGCCCTCTGGAGGGCTCCTG
 CTGGGGGGTGGGAAGCCATCGCCCCACAGCACCCGGCCGGGGCCCTTCTTCTACATTGGAGGCAGCAAC
 GGGGCCACAATCATCAGCTCCTACTGCAAAGCAAGGGCTGGCAGCGCATCCATGACAGCCGCCGGGAC
 GACTACACGCTGAAGTGGTGTGAGGTCAAGAGCCGAGACAGCTACGGCAGCTTCCGGAAGGAGAGCAG
 CTGCTGTACCAGCTTCCCAACAACAAGCTCCTACCAACCAAGATCGGGCTGCTCAGCACCTTCGGGGA
 CGGGCACGGGCCATGAGCAAGGCCAGCAAGGTGCCGGGGGGGTCCAGGCCAGGCTGGAAGAGGACGCA
 GCAGCGCCCGCCCTGGAGGACCTCCCGTGGACAAGCCAGGATACCTCAGGCCACAGAGGGTCTGAGA
 ATGGAAGAGTTTTTCCAGAGACCTACCGCTGGACCTCAAACACGAGAGAGAGGCCTTTTTACCTTG
 TTTGATGAAACCCAGATATGGATCTGCAAGCCACAGCCTCAACACAGGGCAAAGGCATCTTCTGCTC
 CGGAACCAAGGAGGAAGTTGCCGCCCTGCAGGCCAAGACCCGGAGCATGGAGGACGACCCCATCCACCAC
 AAGACGCCGTTCCGGGGGCTCAGGCGCGGGTGGTGCAGAGGTACATCCAGAACCCGCTGCTGGTGGAC
 GGGAGAAAGTTTGACGTGCGCTCCTACCTGCTCATTGCCTGCACCACACCTACATGATCTTCTTTGGC
 CACGGCTATGCTCGCCTCACCTTAGCCTTTACGACCCCATTCAGCGACCTCGGCGGCCACTTGACC
 AACCAAGTTCATGCAGAAGAAGAGCCCTCTGTACATGCTGCTGAAGGAGCACACGGTGTGGAGCATGGAA
 CACCTCAACCGCTACATCAGTGACACGTTCTGGAAGGCCCGGGGCTCGCCAAGGACTGGGTCTTACC
 ACCCTCAAGGTGCGTCCACTGTGCCCTCCAGTCTGGAGTGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_153254
Insert Size:	1215 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:	<u>NM_153254.2</u>
RefSeq Size:	2126 bp
RefSeq ORF:	1215 bp
Locus ID:	254173
UniProt ID:	<u>Q6ZVT0</u>
Cytogenetics:	1p36.33
MW:	45.4 kDa
Gene Summary:	Inactive polyglycylase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has multiple differences in the 5' and 3' termini, compared to variant 1. These differences cause translation initiation from a downstream ATG and an isoform (2) with shorter N- and C-termini, compared to isoform 1.