

Product datasheet for **SC100007**

TCP10L (NM_144659) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCP10L (NM_144659) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCP10L
Synonyms:	C21orf77; PRED77; TCP10A-1; TCP10A-2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100007 sequence for NM_144659 edited (data generated by NextGen Sequencing) ATGCTGGCAGGTCAACTCGAGGCCAGGGACCCCAAGGAGGGCACCCACCCAGAGGACCCG TGCCAGGAGCTGGGGCTGTCATGGAGAAGACAGCTGTGGCAGCCGAGGTCTCACGGAG GACTGCAACACTGGGGAGATGCCACCATTACAGCAGCAGATCATCAGACTCCACCAAGAG CTTGGGAGACAGAAGTCTCTGTGGGCTGATGTTTCATGGAAAACCTCCGGAGTCATATAGAT GCTTTGAGGGAGCAGAACATGGAGCTCCGAGAAAAGCTGAGAGCTCTGCAGCTGCAGCGG TGGAAAGCCAGGAAGAAATCTGCAGCGTCCCCACACGCGGGGCAAGAATCGCACACTCTG GCATTGGAACCTGCTTTTGGAAAATTTACCTCTGTGAGCTGATGAAGAGACAATACCC AAATACGCTGGCCACAAGAATCAGAGTGCCACTCTCTGGGACAAAGATCGTCATCTAAC AATTCAGCTCCTCAAAGCCAATGAGTTTAAAGATAGAAAAGAAATTAGCTCGTGGAAAACA CCACCACAGGAAAATAGAGATAAAAATCTTTCCAGGAGACGTCAAGACAGAAGAGCAACA CCTACTGGAAGGCCAACTCCCTGTGAGAGAGACGGGGGGGTGTCTGA
	Clone variation with respect to NM_144659.5 36 a=>g



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_144659 unedited
 TTCAGATTTTGTAAACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGCCACAGT
 CCAAACGCCAGGAGCCTCCGCCCTGACCTGCTGCCGCACGTGGTTGCTGCAGGGATGCT
 GGCAGGTCAACTCGAGGCCAGGGACCCCAAGGAGGGCACCCACCCAGAGGACCCGTGCC
 AGGAGCTGGGGCTGTATGGAGAAGACAGCTGTGGCAGCCGAGGTTCTCACGGAGACTG
 CAACACTGGGGAGATGCCACCATTACAGCAGCAGATCATCAGACTCCACCAAGAGCTTGG
 GAGACGAAGTCTCTGTGGGCTGATGTTTCATGGAAAACCTCCGGAGTCATATAGATGCTTT
 GAGGGAGCAGAACATGGAGCTCCGAGAAAAGCTGAGAGCTCTGCAGCTGCAGCGTGAA
 AGCCAGGAAGAAATCTGCAGCGTCCCCACACGCGGGGCAAGAATCGCACACTCTGGCATT
 GGAACCTGCTTTTGGAAAAATTTACCTCTGTCAGCTGATGAAGAGACAATACCCAAATA
 CGCTGGCCACAAGAATCAGAGTGCCACTCTCTGNGACAAAGATCGTCATCTAACAATTC
 AGCTNCTNCAAAGCCAATGAGTTTAAAGATAGAAAAGATTAGCTCGTGGAAAACACCACC
 ACAGGAAAATAGAGANTAAAAATCTTTCCAGAGACGTCAAGACAGAAGAGCAACACCTAC
 TGAAGGCCAACTNCCTGTGCANAGAGACGNGGGGTGTCTGAAGATGAAAGTGGGCT
 CGACACTGTGTCACTTACACTGGCCCTTGGAAAATCAGATCAGATTAGTNCACCTTT
 AGTCTATAAAGTACTCAATTTGTTATTCAAATAGACCTAGTATTTATTAATAATNATGT
 TCCTATAGAAAAAATAAAAAAATCGACTCTAGATTGCGGCGGGTCATAGCTGTTNCT
 GAACGATCCNNGGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_144659 unedited
 TACATCTATGNNACCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTCTATA
 GAAACATAATTAGTTTAAATAAATACTAGTCTATTTTGAATAACAAATTGAGTACTTTT
 ATTAGACCTAAGTGAACCTTTATCTGAATCTGAATTTTCCAAGGGGCCAGTGTAGAGTGA
 CACAAGTGTCCGAGGCCACCTTTCCATCTTCAGACACCCCCCGTCTCTGCACAGGGA
 GTTGGCCTTCCAGTAGGTGTTGCTCTTCTGCTTGACGCTCCTGGAAAGATTTTTATCT
 CTATTTTCTGTGGTGGTGTTCACGAGCTAATTTCTTCTATCTTTAACTCATTGGC
 TTTGGAGGAGCTGAATTGTTAGATGACGATCTTTGTCCAGGAGAGTGGCACTCTGATTC
 TTGTGGCCAGCGTATTTGGGTATTGCTCTTCATCAGCTGACAGAGGTGAAATTTTTCCA
 AAAGCAGGTTCCAATGCCAGAGTGTGCGATTCTTGCCCGCGTGTGGGGACGCTGCAGAT
 TTCTTCTGGCTTTCCACCGCTGCAGCTGCAGAGCTCTCAGCTTTTCTCGGAGCTCCATG
 TTCTGTCCCTCAAAGCATCTATGACTCCGGAGTTTTCCATGAACATCAGCCACAGA
 GACTTCTGTCTCCAAGCTCTTGGTGGAGTCTGATGATCTGCTGTAATGGTGGCATC
 TCCCCAGTGTGCACTCCTCCGTGAGAACCTCGGCTGCCACAGCTGTCTTCTCCATGACA
 GCCCCAGCTTCTGGGCACGGTCTCTGGGTGGGTGGCCCTTTGGGGTCCCTGGCCTC
 GAGTTGACCTGGCAGCATCCNTGCAGCAACCACGTGCGGCAGCAGGTCAAGGCGGNAGCT
 CCTGGGCGTTTGAAGTGTGGCCTCTTGCCGATATCCGG

Restriction Sites:

ECoRI-NOT

ACCN:

NM_144659

Insert Size:

1000 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).

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_144659.3](#), [NP_653260.1](#)

RefSeq Size: 957 bp

RefSeq ORF: 648 bp

Locus ID: 140290

UniProt ID: [Q8TDR4](#)

Cytogenetics: 21q22.11

Gene Summary: May be involved in transcriptional regulation. Has in vitro transcription inhibition activity. Acts as a tumor suppressor in hepatocellular carcinoma (HCC) cells.[UniProtKB/Swiss-Prot Function]