

Product datasheet for **SC104768**

TCL1B (AK023714) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCL1B (AK023714) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCL1B
Synonyms:	TNG1; TNG2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for AK023714, the custom clone sequence may differ by one or more nucleotides

```
TTGTGTTACAGGTGAGGAGTAGGAAGTTCAAAAAGTTTATAAGGTCAAAGTCACACAAGTAGTCAGATGT
AGAACTAACCTTTGGATTTGGGACTGTTACCATCAAATCCTATATGCTTTTGATACAGACAGGAGACCC
AGAAATGCTGGGTAGAAGAGGGTGGTTCCTGGCAAAGGCCCTACCCTCAAACCTGGAAACCTGCAGCCC
TAAATGGGAAGAGGCATTCTGTTTTTCATGCCCAAAAGTTGCCTTTTGGCCCGTCATGTCCCTATCCTA
TACCTGTATAAACCCAGACCCAGGCTCCAGAAGCAGATGAGGAGACAAACAGAAGAGCAGAAGATGG
CAGAATGGCACAGCAGAGAGAAGAAAAGGAACATCTGAATGTTGAGAGGAATTTGGCTGGGGGCGGTTGG
AGAGGAGATTAGCCACTGGACAGCCAACTCCAGGGGAAGGTCATCTTCCACTCCATCCCCCTCCAGC
TCCCCATCCATCCTGCTGAGAGCCACCTCCACCCTCAGTGAAACCGCTGCATTTCCTCAAGTTTAT
GTGTGACCTGATTCTTCTGGACATTGGACAAAGACCTAGGTCCAGTGAAGTGTCTAACACTTAAGTCAT
CCACGGACAGCAAGGCTAACAGAATGCTGTAACATGTGCCCACTTGGACTCTGGGAGTTGCAGACACCCA
CCCGTAGGTGCTGCCATGGGTCCGGAGCCCAAAAGTGTGCTGCTGGCTGCTGCACCTGCCCGTCTGCA
TGCTCCCCCTCCGGTAAGGGGTTTGAAGATGTGGCGGCTGGACATAAGAGCTATGCCCTGTACACATC
ATGGGACAGGGGTCAGGGAAGTCTCCCATTTCACTTTCAAATATTCAGGTCCCCCTTTTGTTCGGGAGC
CAGAGTCTAGTGGAGACAGAGATAGAAACCCTGAAATAGGATCCAGGCAATATAAACCTACACGCTGTAA
GCCAAGTCAGAGTGAGGCTGATGTGATAACAAAAGTCTGAATACAAGGTGGGAGACAATTATTCTGACTG
AAAGGGAGGCAAGAGTTCTGCCATAGGCTTGATGCTGTGTGCCCTGGCTTCTAACTCATTGCAAATG
GAAAATACTATTCCATTGTAGGAACCTCTTTTCCATTTGTCTGGGAAGGAGAAAGATGGCTGGGCT
GAATGAATTTATCCCTTGGTCTCTTCCAACAAAGCTCAGCTATGAAAGATAAATCCAGCTCTCCCCACC
CCCTCTCAGTGGAGCTGGGGAGAAATCAAAAGCCCTCTGCCAATAATGAGACCAAGTTTGCAAGGGCA
GGACGAGCCCGTGCTAACAGAGAAGTGTGTTTCTCAATTTGGTTTTAGACTGTCTTGCTCTATGGGG
GAGAAAAGATCTGCCCTTGGGAGAGGTGCCAAGTTTATAGATCTATTAATAAAAGAACTGGCAGGCTTAC
AGTTCTTGCCAATGAGGAACTTGAATGAGAGAAGCCAGGCTCAACCTTGGCCAACAGACTGGAGCCCAT
CACCTAACTTCAACCCGCTTCTCCTTACCCAACCGTCAAAGGCTAGGCAGCACCCACCCAGCAGCTTCC
ACCTGGCTGAAGCCTGCACCTGCTTCAAGCAAGGTTAGATGGAATTTGGCATGGGAAGAGAGGGCTC
ACCTGCGGCAGGATAGACTCTATCCAAGAAGGAGAACTGAAAAATGAAACCTATGAGACAAGGGGTGA
TCCTGAAGGCAGGCAGGAGAAAGGGCTGGAGGGAGAGGCACTGGGAATTTTCTGGTGAATACTGAAG
TACTAGATGTTTGTCTTGCAAACTCAAGGGAAGAACTCTAACTCTAATGTTTGTCTATTCTGTGTC
CAAAGTGCCTTTGAAACGGACCCACCTTTCAGTAAAGAACTTGCATTGGCCTGCC
```

5' Read Nucleotide Sequence:

>OriGene 5' read for AK023714 unedited

```
NAGGTCACATTTGTATACGACTCACTATAGGCGGCCGCGAAATTCGACACAGCCTACCCT
CAAACCTGGNAAACCTGCAGCCCTAATGGGAAGAGGCATTCTGTTTTTCATGCCCAAAAT
TGCTTTTGGCCCGTCATGTCCCTATCCTATACCTGTATAAACCCAGACCCAGGCTC
CAGAAGCAGATGAGGAGACAAACAGAAGAGCAGAAGAATGGCAGAATGGCACAGCAGAGA
GAAGAAAAGGAACATCTGAATGTTGAGAGGAATTTGGCTGGGGGCGGTTGGAGAGGAGAT
TAGCCACTGGACAGCCAACTCCAGGGGAAGATCATCTTCCACTCCATCCCCCTCCAG
CTCCCCATCCATCCTGCTGAGAGCCACCTCCACCCTCAGTGAAACCACTGCATTTCATCC
TTCAAGTTTATGTGTGACCTGATTCTTCTGGACATTGGACAAAGACCTAGGTCCAGTGA
ACTGTCTAACACTTAAGTCATCCACGGACAGCAAGGCTAACAGAATGCTGTAACATGTGC
CCACTTGGACTCTGGGAGTTGCAGACACCCACCGTANGTGTGCCATGGGTCCGGAGCC
CAGAAAGTGCTTGCCCTGGCTCTGCACCTGCCCGTCTGCATGTCCCCCTCCGGTAAAG
GGGTTTGANGGATGTGGGCGGCTGAACATAAGAGCTATGCCCTGTACACATCATGGGA
CAGGGGGTCAGGGAAGTCTNCCATTTCACTTTCAATATTCAGGTCCCCCTTTTGTTCG
GGAGCCAGAGTCTAGTGGAGACAGAGATAGAAACCCTGAAATAGGATCCCAGGCATATAA
CCTACACGCTGTAAGCCAAGTCAGAGTGAGGGCTGATGTGATAACCAAGTCTGATTACA
AGGTGGGAGAACAAATTTCTGACTGAAGGAAGNGCANGAGATCTGCATAGGGCTGAGCGC
TGGGTGCCCTGGCTTC
```

Restriction Sites:	NotI-NotI
ACCN:	AK023714
Insert Size:	2650 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:	<u>AK023714.1</u>
RefSeq Size:	1948 bp
RefSeq ORF:	1948 bp
Locus ID:	9623
Cytogenetics:	14q32.13
Gene Summary:	Enhances the phosphorylation and activation of AKT1 and AKT2.[UniProtKB/Swiss-Prot Function]