

Product datasheet for **SC115977**

TCFL5 (NM_006602) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCFL5 (NM_006602) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCFL5
Synonyms:	bHLHe82; CHA; E2BP-1; Figlb; SOSF1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006602, the custom clone sequence may differ by one or more nucleotides

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ATGTCGGGCCCGGACCGCGGGAGCCGCGCCGGAGGCGAGGCGCGGCAGGCGGCGAGGCGGCGGCGGCGGCTCGAGG
GCGCGGGCGGCGGGGACGCGGCGCTGGGCGAGCCGGGGCTGAGCTTACGACCACCGACCTGAGCCTGGT
GGAGATGACGGAGGTGGAGTACACGCAGCTGCAGCACATCCTCTGCTCGCACATGGAGGCGGCGGCTGAC
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CGCGCCCTGCCTGGCCACATCGACTTCCAGGAGCTGCGCATGATGCTGCTAAGCGAGGCGGCGCGGCG
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CGGCTGCGGCTGCGGCTGGACCCGACGGCGCGCCGAGGCGCCGGGCAAGCCGGCCGTGCGCGTCCGCT
GGAGGACCGCTTCAACAGCATCCCCGCCGAGCCGCGCCCGCGCGCGGCGGCGGCGGCGGCGGCGGCGG
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AACAAAACAAATGTACAGCATTAGTGAAAAATAAACTGCGGCTACAACACTGCTTTGCAATTTACATA
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AACTCATGTTCTGTACTTGAAGTGCCAAGCACCAGGATATTGGATTGCCTAGAGCATTTTCTTTCTGTT
ATCAGCAAGAAATGAATCCACTAAACAGACGTTAGGTAGTAGAAACAAAGTTTTGCCTGAGCAAGTTTG
GATTAAGTGGGAGAAGCAGCGCTATGCAAACAAGCACTGAAGAGGAATCGGAGTAGAATGCGTCAGTTG
GACACAAATGTAGAGCGAAGAGCCCTTGGAGAGATTAGAAATGTGGGCGAAGGTGCCACCCACACAAG
GCGCTTGGCAGTCTCGGAGTCTCACAGGCAAACCTGGGGGAGCAGGCCAGAGTGGGCGCCAGGAGG
AAGGTCTCAACGTAGGGAGAGGCATAACCGAATGGAAAGAGATAGAAGGCGCAGAATCCGCATTTGCTGT
GATGAGTTGAATCTTTAGTGCCGTTCTGCAATGCCGAGACTGACAAGGCCACAACCTGCGAGTGGACCA
CAGCATTCTGAAATACATCCAGGAAAGACATGGAGATTCTTAAAAAGGAATTTGAGAGCGTATTTTG
CGGTAAACTGGCCGAAGGCTAAAGCTGACCAGACCGGACTCCTTGGTGACCTGTCTGCACAGGGGAGT
TTACAGAGCAGCCCTCGATGGAGATCAAGTGA

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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006602 unedited GTAACACGACTACTATAGGGCGGCCGGAATTCGGCACGAGGCCTCCCGCCGCCGCCG CCCGCGTCGCCCTCGCCGCCGTTGGGCCGCGCCGCGCCGATGTGCGGCCCGGACCGC GGGAGCCGCCCGGAGGCAGGCCGCGCAGGCCGCGGCGGCGTTCGAGGGCGCGGGCC GCGGGGACCGCGCGTGGGCGAGCCGGGCTGAGCTTACGACCACCGACCTGAGCCTGG TGGAGATGACGGAGGTGGAGTACACGCAGCTGCAGCACATCCTCTGCTCGCACATGGAGG CGGCGGCTGACGCGGAGCTCGAGACGCGCCTCAACTCGGCGCTGCTGGCGCGCGGGCC CGGGCGCAGGCGCGGGCGCTTCGCGGGCGGCGTCAAGGGGGCGCGGCCCGTGTACC CCGTGCTGTGCCGTCCGCGCTGGCGGCGACGCGCCCTGCCTGGGCCACATCGACTTCC AGGAGCTGCGCATGATGCTGCTAAGCGAGGCGGGCGCGCGGAGAGAAGACGTGCGGCGCG GGGACGGAGCGAGGGCCCGGGCCGACGCGCCGTAAGGAGGGCGCGGTCCGNTCCAGCG CNCCCGCATTGACCATACTCTGACCACGCACTTCACTTCCACTCCTCTACACGAGG AACCCGAACACCCTCAGACCTAAAACCCTCCGCGAGGCGGAGAAGCCAGGGTCTAGGCA AGCGTTATGCTCTGCCTTCCCCACAGCGATCACTTCGGCCAAACCGCCACCGCCACCG TTTCCCCAGGCGCACTGAAGCCCCCTCCCCCCCCGCTATGGAATCCCGAACAATTGC CCTCGCCCATCTCTCGAAAACATCGCGACAAACCGCTCCCTCGCAGGACCCATCCCG CATCCCCGCCCCAAACGCTCCTGGCCCCACACAATCCTAGG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006602 unedited CTTATAAGAATTTAAGTACAGTAAATTCTCTCCCTACAAAGTCTAGTCTGATGTTTTGT GTACAAACTCACATCTCATCTCCAATTAACAGTATTTATTGAGGGTGACTTTGTATTGCA CTAACATCTATTGCTATTACCTGTTGTGATAAGTAAAGCCACTCATTGAAAAACCCAATT CCAAACACCACAGTTTGTGACACATGAAGTAATGAATGACTCTTGGTATGAAAACGTGGC ATTTAAGCGCCTACTGCCACACCTTTTTATTTCGGCTCTCTGCCCCCTGTCTTCGTCT TTTGCTTCACTTTTACTCCCTCGCCTTCTATTTTTTCTCCACTCCCTCCCAGTGCTCT TTTGCCTCCCTACCTCTTCGCGGCTCCTAGCATCTTACTCTCCTTCTATACTTGCTTTC CTGCCCTCCTCCCCCCCCCTCCCCCGCTCCCTCCCCCGCGCGCAACCCGGCTTGT ATAGTTGTTTTCCCTCTCCCCCTTCCCTCCCCACCCCCCGCGCGGTTTTGTT GTCTTTCGACGTAGCCCTCCCGTCTATCCTTTCTTTTTATTCTGGTCTCCCCCGCCA TCCGTCGCGCCGCTTCTACTCACCCCGCCCCCTACCACTCCTGTATCCCCCGC CCTTCCCATTCTCTCCCCCGGCCCCCTCCACTCCTCCCCCTTTTCTCTCCATCTGC CTCCCCTCGGACCACCCGCTCTCCTCCCGACCATCTACCTCCGCACTCATTCTCTCC CTTTACCCCACTCCCGCACCTCCACCTACCGCTCCCCCTCCCCCTTCCCTTCTC CTCCCTCCCCGCGATCTTCCCGCCAAAACCTGTACTTCTATCTAGTGTCTCAACCCA CCCCCTCCACCTCTGCCCCCTTCCCTTGTTCACCCCTCCCT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_006602
Insert Size:	2550 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_006602.2](#), [NP_006593.2](#)

RefSeq Size: 2474 bp

RefSeq ORF: 1503 bp

Locus ID: 10732

UniProt ID: [Q9UL49](#)

Cytogenetics: 20q13.33

Domains: HLH

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: Putative transcription factor. Isoform 3 may play a role in early spermatogenesis.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).