

Product datasheet for **SC336260**

TCFL5 (NM_001301726) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCFL5 (NM_001301726) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCFL5
Synonyms:	bHLHe82; CHA; E2BP-1; Figlb; SOSF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC336260 representing NM_001301726.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTCGGGCCCGGACCGCGGGAGCCGCGCGGAGGCAGGCGCGCAGGCGCGAGGCGGCCGCTCGAG
GGCGCGGGCGGGGACGCGCGCTGGCGGAGCCGGGCTGAGCTTACGACCACCGACTGAGCCTG
GTGGAGATGACGGAGGTGGAGTACACGAGCTGCAGCACATCCTCTGCTCGCACATGGAGGCGCGGCT
GACGGCGAGCTCGAGACGCGCTCAACTCGGCGTGTGGCGGCGCGGGCCCGGCGCAGGCGCGGGC
GGCTTCGCGGGCGGGTCAAGGGGGCGCGCGCCGTGTACCCCGTGTGTGCCCGTCCGCGTGGCG
GCCGACGCGCCCTGCCTGGGCCACATCGACTTCCAGGAGCTGCGCATGATGCTGCTAAGCGAGGCGGGC
GCGGGGAGAAGACGTCGGGCGGGGACGGAGCGAGGGCCCGGCGGACGGCGCCGCAAGGAGGGC
GCGGGCGCGGCTGCGGCTGCGGCTGGACCCGACGGCGCGCCGAGGCCCGGGCCAAAGCGGCCGTGCGC
GTCCGCTGGAGACCGCTTCAACAGCATCCCCGCGAGCCGCCCGCCGCGCGGGCCCGGAGCCC
CCCAGCCGGGCGGGGCGCTCAACAATTTGGTAACTCTCATTGACATCCATCTGAACTAATGAATGTT
CCTCTTACAGCAACAAAACAAATGTACAGCATTAGTGAAAAATAAAACTGCGGCTACAACACTGCTTTG
CAATTTACATACCACTGTTTACTACAAATGCTTGTCTACTAGTGAAAATTCTAATCTTTCACAGACA
CAGAGTTCTAGTAACTCATGTTCTGACTTGAAGCTGCCAAGCACCAGGATATTGGATTGCCTAGAGCA
TTTTCTTCTGTTATCAGCAAGAAATGAATCCACTAAACAGACGTTAGGTAGTAGAAAACAAAGTTTTG
CCTGAGCAAGTTGGATTAAGTGGGAGCAGCGCTATGCAACAAGCACTGAAGAGGAATCGGAGTAGA
ATGCGTCAGTTGGACACAAATGTAGAGCGAAGAGCCCTGGAGAGATTGAGAATGTGGCGAAGGTGCC
ACCGCCACACAAGGCGCTTGGCAGTCTCGGAGTCTCACAGGCAACCTGGGGGAGCAGGCCAGAGT
GGGCCCCAGGGAGGAAGTCTCAACGTAGGGAGAGGCATAACCGAATGGAAGAGATAGAAGGCGCAGA
ATCCGCATTTGCTGTGATGAGTTGAATCTTCTAGTGCCGTTCTGCAATGCCGAGACTGACAAGGCCACA
ACTCTGCAGTGGACCACAGCATTCTGAAATACATCCAGGAAAGCATGGAGATTCTTAAAAAGACT
GGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
```

Restriction Sites: Sgfl-Mlul

ACCN: NM_001301726

Insert Size: 1386 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_001301726.1](#)

RefSeq Size: 2880 bp

RefSeq ORF: 1386 bp

Locus ID: 10732

Cytogenetics: 20q13.33

Protein Families: Druggable Genome, Transcription Factors

MW: 48.4 kDa

Gene Summary: Putative transcription factor. Isoform 3 may play a role in early spermatogenesis.
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) uses an alternate in-frame splice site and contains an alternate exon in the 3' coding region, which results in the use of a distinct stop codon, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.