

Product datasheet for **RC238366**

TCFL5 (NM_001301726) Human Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>RC238366 representing NM_001301726
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGGCCCGGACCGCGGGAGCCGCCCGGAGGCGAGCGCGCAGGCGCGGAGGCGGCGGCGCTCGAGG
 GCGCGGGCGGGGACGCGCGCTGGGCGAGCCGGGCTGAGCTTACGACCACCGACCTGAGCCTGGT
 GGAGATGACGGAGGTGGAGTACACGCAGCTGCAGCACATCCTCTGCTCGCACATGGAGGCGGCGGCTGAC
 GGCGAGCTCGAGACGCGCCTCAACTCGGCGCTGCTGGCGCGCGGGCCCGGGCGCAGGCGCGGGCGGCT
 TCGCGCGGGCGGTAGGGGGCGCGGCCCGTGTACCCCGTGTGCCCCGTCGCGCTGGCGGCCGA
 CGCGCCCTGCCTGGGCCACATCGACTTCCAGGAGCTGCGCATGATGCTGCTAAGCGAGGCGGGCGCGCG
 GAGAAGACGTGGGCGCGGGGACGGAGCGAGGCGCGGCCGACGGCGCCCAAGGAGGGCGCGGGCG
 CGGCTGCGGCTGGGCTGACCCGACGGCGCGCCGAGGCCCGGGCCAAGCGGCGTGCCTGCGCT
 GGAGGACCGCTTCAACAGCATCCCCGCCGAGCCCGCGCCCGCGCGCGGCCCGGAGCCCGGAGCCCG
 GCGGGCGCTCAACAATTTGGTAACTCTATTGACATCCATCTGAACTAATGAATGTTCTCTTCAGC
 AACAAAACAAATGTACAGCATTAGTAAAAATAAACTGCGGCTACAACACTGCTTTGCAATTTACATA
 CCCACTGTTTACTACAAATGCTTCTACTAGTGGAAATCTAATCTTTCACAGACACAGAGTTCTAGT
 AACTCATGTTCTGACTTGAAGCTGCCAAGCACCAGGATATTGGATTGCCTAGAGCATTTTCTTTCTGTT
 ATCAGCAAGAAATTTGAATCCACTAACAGACGTTAGGTAGTAGAAACAAAGTTTTGCCTGAGCAAGTTT
 GATTAAGTGGGAGCAGCGCTATGCAACAAGCACTGAAGAGGAATCGGAGTAGAATGCGTCAGTTGGAC
 ACAATGTAGAGCGAAGAGCCCTTGAGAGATTCAGAAATGTTGGGGAAGGTGCCACCGCCACACAAGGCG
 CTTGGCAGTCCTCGGAGTCTCACAGGCAACCTGGGGGAGCAGGCCAGAGTGGGCCCGGAGGGAAG
 GTCTCAACGTAGGGAGAGGCATAACCGAATGAAAGAGATAGAAGGCGCAGAATCCGCATTGCTGTGAT
 GAGTTGAATCTTCTAGTCCGTTCTGCAATGCCGAGACTGACAAGGCCACAACCTGCAAGTGGACCACAG
 CATTCTGAAATACATCCAGAAAGACATGGAGATTCTCTTAAAAAGACTGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238366 representing NM_001301726
 Red=Cloning site Green=Tags(s)

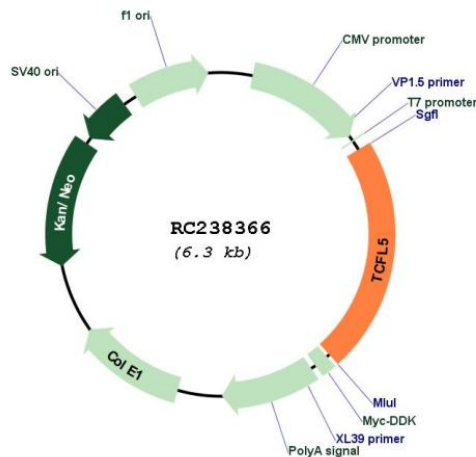
MSGPGPREPPPEAGAAGGEAAVEGAGGGDAALGEPGLSFTTTDL SLVEMTEVEYTLQHLCSHMEAAAD
 GELETRLNSALLAAAGPGAGAGGFAAGGQGAAPVYPVLCP SALAADAPCLGHIDFQELRMLLSEAGAA
 EKTSGGGDGARARADGAAKEGAGAAAAAGPDGAPEARAKPAVRVREDRFNSIPAEPAPRGPEPPEP
 GGALNNLVTLIRHPELMNVPLQQNKCTALVKNKTAATTTALQFTYPLFTTNACSTSGNSL SQTQSS
 NSCSVLEAAKHQDIGLPRAF SFCYQQE IESTKQTLGSRNKVLP EQVWIKVGAALCKQALKRNRSRMRQLD
 TNVERRALGEIQNVGEGATATQGAWQSSESSQANLGEAQSGPQGGRSQRRRERHNRMERDRRRRIRICCD
 ELNLLVPFCNAETDKATTLQWTTAFLKYIQERHGDSLKKTG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001301726

ORF Size: 1383 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001301726.2](#)

RefSeq Size: 2880 bp

RefSeq ORF: 1386 bp

Locus ID: 10732

Cytogenetics: 20q13.33

Protein Families: Druggable Genome, Transcription Factors

MW: 48.8 kDa

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