

Product datasheet for **SC332215**

TBPL1 (NM_001253676) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TBPL1 (NM_001253676) Human Untagged Clone
Tag: Tag Free
Symbol: TBPL1
Synonyms: MGC:8389; MGC:9620; STUD; TLF; TLP; TRF2
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332215 representing NM_001253676.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATGCAGACAGTGATGTTGCATTGGACATTCTAATTACAAATGTAGTCTGTGTTTTAGAACAAGA
TGTCATTTAAACTTAAGGAAGATTGCTTTGGAAGGAGCAAATGTAATTTATAACGTGATGTTGGAAAA
GTATTAATGAAGCTTAGAAAACCTAGAATTACAGCTACAATTTGGTCCTCAGGAAAAATTATTTGCACT
GGAGCAACAAGTGAAGAAGAAGCTAAATTTGGTGCCAGACGCTTAGCCCGTAGTCTGCAGAACTAGGT
TTTCAGGTAATATTTACAGATTTTAAGGTTGTTAACGTTCTGGCAGTGTGTAACATGCCATTTGAAATC
CGTTTGCCAGAATTCACAAAGAACAATAGACCTCATGCCAGTTACGAACCTGAACCTCATCTGCTGTG
TGCTATCGGATAAAATCTCTAAGAGCTACATTACAGATTTTTTCAACAGGAAGTATCACAGTAACAGGG
CCCAATGTAAAGGCTGTTGCTACTGCTGTGGAACAGATTTACCCATTTGTGTTTGAAGCAGGAAAGAA
ATTTTATAA
```

Restriction Sites: Sgfl-Mlul
ACCN: NM_001253676
Insert Size: 561 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).



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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_001253676.1](#)

RefSeq Size: 1635 bp

RefSeq ORF: 561 bp

Locus ID: 9519

UniProt ID: [P62380](#)

Cytogenetics: 6q23.2

Protein Families: Transcription Factors

Protein Pathways: Basal transcription factors, Huntington's disease

MW: 20.9 kDa

Gene Summary: This gene encodes a member of the TATA box-binding protein family. TATA box-binding proteins play a critical role in transcription by RNA polymerase II as components of the transcription factor IID (TFIID) complex. The encoded protein does not bind to the TATA box and initiates transcription from TATA-less promoters. This gene plays a critical role in spermatogenesis, and single nucleotide polymorphisms in this gene may be associated with male infertility. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 3. [provided by RefSeq, Nov 2011]

Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.