

Product datasheet for **SC313842**

TBL1Y (NM_134259) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBL1Y (NM_134259) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBL1Y
Synonyms:	DFNY2; TBL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_134259, the custom clone sequence may differ by one or more nucleotides

```

ATGAGCATAACCAAGTACGAGGTTGAACCTTTCTGGTTTATCGGTATCTCCAGGAGTCAGGTTTTTCTCACT
CGGCTTTACGTTTGGGATCGAGAGCCACATCAGCCAGTCCAACATCAATGGGACACTAGTGCCACCGTC
TGCCCTCATCTCCATTCTCCAGAAGGGACTGCAGTATGTAGAGGCTGAGATAAGCATCAACAAGGATGGC
ACAGTGTTCGACAGCCGCCCTATAGAGTCCCTGTCCCTGATAGTTGCTGTGATTCCCTGATGTGGTGAGA
TGCGGCAGCAGGCATTTGGAGAGAAGCTCACTCAGCAGCAAGCCAGTGCAGCAGCCACAGAGGCATCAGC
AATGGCAAAGGCGCAACCATGACCCAGCTGCTATTTCCAGCAAAAATCCTCCAAGAACCAGAGAGGCC
ACAGTGAACGGGGAAGAGAATGGAGCACATGAAATCAATAATCACTCAAAGCCAATGGAAATAGATGGGG
ATGTTGAGATTCCACCAACAAAGCCACAGTCTTCGGGGCCACGAGTCTGAGGTGTTTATTGTGCCTG
GAACCCTGTCAGTATTGCTAGCCTCTGGATCTGGAGACTCAACTGCAAGGATATGGAACCTGAATGAG
AATAGCAACGGGGCTCCACCCAGCTCGTGTGAGACATTGTATACGAGAAGGGGGCAGCAGTCCCAA
GTATAAAGATGTCACCTCACTGGACTGGAACAGTGTGGAACACTATTGGCTATGGGTTTATATGATGG
TTTCGCAAGAATATGGACAGAAAATGGTAACCTGGCCAGCACCTTAGGCCAACATAAAGGCCCATCTTC
GCTCTGAAATGGAACAAAAGGGGAATTATGTTTTGAGTGTGGTGTAGACAAAACAATAATTTGGG
ATGCTCACACAGGAGAAGCCAAACAGCAGTTTCTTTTTCATTTCAGCCCCGCCCTTGATGTGGACTGGCA
GAACAACATGACCTTTGCCTCCTGTAGCACAGACATGTGTATCCATGTGTGCAGGCTCGGCTGTGACCAC
CCAGTCAAACCTTCCAGGGACACAAACGAGGTCAATGCCATCAAATGGGATCCTTCTGGAATGTTGC
TGGCGTCTGCTCGGATGACATGACATTGAAGATCTGGAGTATGAAGCAGGATGCATGCGTCCACGATCT
TCAGGCTCACAGCAAAGAGATCTACACCATCAAGTGGAGCCCCACGGGCTGCCACCAGCAACCCAAAC
TCCAGCATCATGTTGGCAAGTCTTTCATTTGATTCTACAGTGCAGTGTGGGATGTGGCAAGGTGTCT
GCACCCACACACTCATGAAGCATCAAGAGCCTGTCTACAGTGTAGCTTTTACGCCCGATGGAAGTACTT
GGCTAGTGGATCCTTTGACAAGTATGTTTATCTGGAATACTCAGAGTGGAAAGTCTCGTCCACAGCTAC
CAAGGCACTGGCGGTATCTTCGAGGTGTGCTGGAACGCCCGAGGAGATAAAGTGGGCGCCAGCGCTCTG
ATGGCTCTGTGTGTTCTGGATCTGTGA
    
```

Restriction Sites: Please inquire

ACCN: NM_134259

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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 TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<ol style="list-style-type: none">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>NM_134259.1</u> , <u>NP_599021.1</u>
RefSeq Size:	2312 bp
RefSeq ORF:	1569 bp
Locus ID:	90665
UniProt ID:	<u>Q9BQ87</u>
Cytogenetics:	Yp11.2
Domains:	WD40, LisH
Protein Families:	Transcription Factors
Protein Pathways:	Wnt signaling pathway
Gene Summary:	<p>The protein encoded by this gene has sequence similarity with members of the WD40 repeat-containing protein family. The WD40 group is a large family of proteins, which appear to have a regulatory function. It is believed that the WD40 repeats mediate protein-protein interactions and members of the family are involved in signal transduction, RNA processing, gene regulation, vesicular trafficking, cytoskeletal assembly and may play a role in the control of cytotypic differentiation. This gene is highly similar to TBL1X gene in nucleotide sequence and protein sequence, but the TBL1X gene is located on chromosome X and this gene is on chromosome Y. This gene has three alternatively spliced transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) lacks an exon (95 bases) in the 5' UTR, as compared to variant 1.</p>