

Product datasheet for **SC310298**

TBL1Y (NM_033284) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBL1Y (NM_033284) 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)



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Fully Sequenced ORF: >SC310298 representing NM_033284.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGCATAACCAAGTACGAGGTGAACCTTCTGGTTTATCGGTATCTCCAGGAGTCAGGTTTTTCTCAC
TCGGCTTTACGTTTGGGATCGAGAGCCACATCAGCCAGTCCAACATCAATGGGACACTAGTGCCACCG
TCTGCCCTCATCTCCATTCTCCAGAAGGACTGCAGTATGTAGAGGCTGAGATAAGCATCAACAAGGAT
GGCACAGTGTTCGACAGCCGCCCTATAGAGTCCCTGTCCCTGATAGTTGCTGTGATTCTCTGATGTGGTG
CAGATGCGGCAGCAGGCATTTGGAGAGAAGCTCACTCAGCAGCAAGCCAGTGCAGCAGCCACAGAGGCA
TCAGCAATGGCAAAGGCGGCAACCATGACCCAGCTGCTATTTCCAGCAAAAATCTCCAAGAACCAG
GAGGCCACAGTGAACGGGAAGAGAATGGAGCACATGAAATCAATAACTCAAGCCAATGGAATA
GATGGGGATGTTGAGATCCACCAACAAGCCACAGTCTTCGGGGCCACGAGTCTGAGGTGTTTCATT
TGTGCCTGGAACCCTGTCACTGATTGCTAGCCTCTGGATCTGGAGACTCAACTGCAAGGATATGGAAC
CTGAATGAGAATAGCAACGGGGCTCCACCCAGCTCGTGTGAGACATTGTATACGAGAAGGGGGCAC
GACGTCCCAAGTAATAAAGATGTCACTCACTGGACTGGAACAGTATGGAACACTATTGGCTATGGGT
TCATATGATGTTTTCGCAAGAATATGGACAGAAAATGGTAACCTGGCCAGCACCTTAGGCCAACATAAA
GGCCCCATCTTCGCTCTGAAATGGAACAAAAGGGGAATTATGTTTTGAGTGCTGGTGTAGACAAAACA
ACAATAATTTGGGATGCTCACACAGGAGAAGCCAAACAGCAGTTTCTTTTCATTACGCCCCCGCCCTT
GATGTGGACTGGCAGAACAACATGACCTTTGCCTCCTGTAGCACAGACATGTGTATCCATGTGTGCAGG
CTCGGCTGTGACCACCCAGTCAAACCTTCCAGGGACACAAAACGAGGTCAATGCCATCAAATGGGAT
CCTTCTGGAATGTTGCTGGCGTCTGCTCGGATGACATGACATTGAAGATCTGGAGTATGAAGCAGGAT
GCATGCGTCCACGATCTTCAGGCTCACAGCAAAGAGATCTACCCATCAAGTGGAGCCCCACGGGGCT
GCCACCAGCAACCCAAACTCCAGCATCATGTTGGCAAGTGCTTCAATTTGATTCTACAGTGCAGTGTGG
GATGTGGAGCAAGGTGTCTGCACCCACACACTCATGAAGCATCAAGAGCCTGTCTACAGTGTAGTTTC
AGCCCCGATGGAAGTACTTGGCTAGTGGATCCTTTGACAAGTATGTTTCATATCTGGAATACTCAGAGT
GGAAGTCTCGTCCACAGTACCAAGGCACTGGCGGTATCTTCGAGGTGTGCTGGAACGCCCGAGGAGAT
AAAGTGGGCGCCAGCGCTGTGATGGCTCTGTGTGTGTTCTGGATCTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map: □

ACCN: NM_033284

Insert Size: 1569 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).

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:

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_033284.1](#)

RefSeq Size: 2407 bp

RefSeq ORF: 1569 bp

Locus ID: 90665

UniProt ID: [Q9BQ87](#)

Cytogenetics: Yp11.2

Domains: WD40, LisH

Protein Families: Transcription Factors

Protein Pathways: Wnt signaling pathway

MW: 56.7 kDa

Gene Summary: 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]
Transcript Variant: This variant (1) is the longest transcript.