

Product datasheet for **SC116076**

TBL3 (NM_006453) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBL3 (NM_006453) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBL3
Synonyms:	SAZD; UTP13
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC116076 sequence for NM_006453 edited (data generated by NextGen Sequencing)

```

ATGGCAGAGACCGCGCCGGAGTGGGCCGCTTCAAGACCAACTATGCTGTGGAGCGCAA
ATTGAGCCTTTCTACAAGGGCGGAAAAGCACAGCTGGACCAGACTGGCCAGCACCTCTTC
TGCGTCTGTGGCACCAGAGTCAACATTCTGGAAGTGGCCTCGGGGGCCGTGCTGCGGAGT
CTGGAGCAGGAGGACCAGGAGGACATCACTGCCTTTGACCTCAGCCCTGACAACGAGGTG
CTGGTGACAGCCAGTCCGGCATTGCTGCTGGCTCAGTGGGCCCTGGCAAGAGGGCAGCGTT
ACCCGCCTGTGGAAGGCATACACACGGCCCCCGTGGCCACCATGGCCTTCGACCCACC
TCCACTCTGCTAGCCACAGGTGGCTGTGATGGGGCCGTGCGCGTCTGGGACATCGTGCGG
CACTACGGGACACACCACTTCCGAGGCTCGCCCGGTGCTGTCACCTAGTGGCCTCCAC
CCGGACCTACACGCCTGCTGCTCTTCTCCTCGGCCACGGATGCCGCCATCCGCGTGTGG
TCACTGCAGGACCGGTCACTGCCTGGCTGTGCTGACTGCCCACTACAGCGCCGTCACTCA
CTGGCCTTCAGCGCCGACGGCCACACCATGCTCAGCTCCGGCCGTGACAAGATATGTATC
ATCTGGGACCTTCAGAGTGCACGGCCACGAGGACCGTGCCTGTGTTTGTAGAGCGTGGAG
GCTGCTGTGCTGTTGCCAGAGGACCCAGTGTCCAGCTGGGTGTGAAGTCCCAGGGCTG
TACTTTCTGACAGCTGGCGACCAAGGCACTCTGCGCGTGTGGGAGGCAGCTTCTGGGCAG
TGTGTGTACACGACGGCCAGCCGCCGGGCCCTGGGCAGGAGCTGACCCACTGCACCCTG
GCACACACCGCCGGCGTGGTCTCACCGCCACCGCCGACCAACCTGTTGCTCTACGAG
GCTCGTCCCTGCGGCTGCAGAAACAGTTGCTGGCTACAGTGAGGAGGTTTTGGATGTC
CGGTTTCTTGGGCCCAGGACTCCACGTTGTGCTGGCCTCCAATAGCCCTGCCTAAAA
GTGTTTGAGCTGCAGACGTCAGCCTGCCAGATCCTCCACGGCCACACGGATATCGTCTG
GCCCTGGATGTGTTCCGGAAGGGGTGGCTCTTTGCCAGCTGTGCCAAGGATCAGAGCGTC
CGTATCTGGAGAATGAACAAGGCTGGCCAGGTGATGTGCGTGGCTCAGGGTTCGGGTAC
ACACACAGTGTGGGCACCGTCTGCTGCTTAGGCTGAAGGAGTCCCTTCTGGTGACAGGC
AGCCAGGACTGCACTGTGAAGCTGTGGCCTCTTCCCAAAGCCTTGTGTCCAAGAACACA
GCCCCAGACAACGGCCCTATCCTCCTGCAGGCCAGACCACTCAGCGCTGCCATGATAAG
GACATCAACAGCGTGGCTATTGCCCCAACGACAAGCTGTGGCCACAGGCTCACAGGAC
CGCACGGCCAAGCTCTGGGCCCTGCCACAGTGCAGCTGCTGGGTGCTTCTCAGGCCAC
CGGCGTGGCCTCTGGTGCGTCCAGTTCTCTCCATGGACCAGGTGCTGGCCACGGCCTCA
GCTGATGGCACCATCAAGCTCTGGGCACTCCAGGACTTCAGCTGTCTCAAGACATTTGAG
GGGCACGATGCTTCTGTGCTGAAGGTGGCCTTTGTGAGCCGTGGCACGCAGCTGCTGTCC
AGCGGTTTCGGATGGCCTCGTGAAGCTCTGGACCATCAAGAACAACGAGTGTGTGCGGACG
CTGGATGCCCACGAGGACAAGGTCTGGGGCTGCACTGCAGCCGGCTGGACGACCACGCC
CTCACTGGGGCCAGTGACTCCCAGTCACTCCTCTGGAAGGATGTGACCGAGGCGGAGCAG
GCAGAGGAGCAGGCCAGGCAAGAGGAGCAGGTGGTCAGGCAGCAAGAGCTGGACAACCTG
CTGCATGAGAAGCGGTACCTGCGGGCGCTGGGCCCTGGCCATCTCCCTGGATCGGCCCCAC
ACCGTGTGACTGTCACTCAGGCCATCCGGAGGGACCTGAGGCCTGCGAGAAGCTGGAA
GCCACCATGCTCCGACTGCGGCGCGACCAAGAAAGAGGCCCTGCTGCGCTTCTGCGTCACG
TGGAACACCAACTCGCGCACTGCCACGAGGCCAGGCCGTGCTGGGTGTGCTCTTGAGG
CGAGAGGCCCCCGAGGAGCTGCTGGCCTACGAAGCGTGCAGGACGCGCTTGAGGCCCTG
CTGCCCTACACTGAGCGGCACTTTCAGCGGCTCAGCAGGACCCTCCAGGCCGCGCGTTTC
TTGGACTTCTGTGGCACAACATGAAGCTCCCTGTGCCGGCCGCCGCCCAACCCCTGG
GAAACCCATAAAGGCGCACTGCCCTAG

```

Clone variation with respect to NM_006453.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006453 unedited
 TGGATTGTGATCCGACTTCACTATAGGGNCGGCCGCGCAATTCGGCACGAGGGTGGCGTT
 CTGTGAAGAGTTCGGTGTAACTCCCTCACGCGCGGTGGTGCCGGGACCCCTAGCAGG
 TTTGAGCTGGAGCGGCGCGCGGCAACATGGCAGAGACCGCGCGGAGTGGGCGGCTT
 CAAGACCAACTATGCTGTGGAGCGCAAAATTGAGCCTTTCTACAAGGGCGGAAAAGCACA
 GCTGGACCAGACTGGCCAGCACCTCTTCTGCGTCTGTGGCACCAGAGTCAACATTCTGGA
 AGTGGCCTCGGGGCGGTGCTGCGGAGTCTGGAGCAGGAGGACCAGGAGGACATCACTGC
 CTTTGACCTCAGCCCTGACAACGAGGTGCTGGTGACAGCCAGTCGGGCATTGCTGCTGGC
 TCAGTGGGCTGGCAAGAGGGCAGCGTTACCCGCTGTGGAAGGCGATACACACGCCCCC
 CGTGGCCACCATGGCCTTCGACCCACCTCCACTCTGCTAGCCACAGGTGGCTGTGATGG
 GGCCGTGCGCGTCTGGGACATCGTGGGCACTACGGGACACACCACTTCCGAGGCTCGCC
 CGGTGTCGTGCACCTAGTGGCCTTCCACCCGACCTACACGCTGTGCTCTTCTCCTC
 GGCCACGATGCCGCATCCGCGTGTGGTCACTGCAGGACCGGTATGCCTGGCTGTGCT
 GACTGCCCACTACAGCGCGTCACTCACTGGCCTTCAAGCGCGACGGCCACACCATGCT
 CAGCTCCGCGCTGACAAGATATGTATCATCTGGGACCTTCAAGCTGCCAGCCACGAG
 ACCGTGCTGTTGTTNGANAAGCCGTGAGGGNCTGCTGTGCTGNTGCCAAGNAGCCAGG
 TCCAACCTGGTGGGTGAAGTCCAGGGCTGACTTTCTGACAGCTGGCGACCAAGACTCT
 GNCCCTTGGTGGGAAGCAGCTCTGGGCCANTGTGTGTACC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006453 unedited
 GGCCGCAATCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTGTAGGGCAGTGCCTTTATG
 GGTTCACAGGGGTGGGGCGCGGCCGCGCACAGGGAGCTTCATGTTGTGCCACAGGAA
 GTCCAAGAAAGCGCGCGCTGGAGGGTCTGCTGAGCCGCTGAAAGTGCCGCTCAGTGTA
 GGGCAGCAGGGCCTCAAGCGCTGCCCGCACGCCTTCGTAGGCCAGCAGCTCCTCGGGGGC
 CTCTCGCCTCAAGAGCACCCAGCACGGCCTGGGCTCGTGGCAGTGCCGCGAGTTGGT
 GTTCCACGTGACGAGCAGAGCGCAGCAGGGCCTCTTCTGGTGGCGCCGAGTCCGAGCAT
 GGTGGCTTCCAGCTTCTCGCAGGCTCAAGGTCCCTCCGATGGCCTGGATGACAGTCAG
 CACGGTGTGGGGCCGATCCAGGGAGATGGCCAGGCCAGCGCCCGCAGGTACCGCTTCTC
 ATGCAGCAAGTTGTCCAGCTCTTGCTGCCTGACCACCTGCCTCTCTTGCTGGCTGCTC
 CTCTGCCTGCTCGCCTCGGTACATCTTCCAGAGATGACTCGGGAGTCACTGGCCCCA
 GTGAGGGCGTGGTGGTCCANCCGGCTGCAGTGACGCCCCAGACCTTGTCTCGTGGGCA
 TTCAGCGTCCCCACACTCGTTGTTCTTGATGGTCCAGAGCTCACGAAGCCATCCCGAC
 CGCTGGACAGAACTGGGTGCCCGGTTCAAAAGGCCACCTCTACAAAAACCTCGTGCCC
 CTCAATGTTTGAACAGCTGAATCCCGGAGGCCAACTTATGGGCTCACCTGAGGCC
 GGGCCCCCGGTCCTGGGAAAAATCGGGCCCCCAGCCCCCGGGGCTGAAAAACACC
 CCACCGGACCGTGGAGGCCCAAAATGGCCGGCGGTTCTGAACTGTGGCACACTTTTCTCT
 GG

Restriction Sites:

ECoRI-NOT

ACCN:

NM_006453

Insert Size:

2680 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:	<u>NM_006453.2, NP_006444.2</u>
RefSeq Size:	2618 bp
RefSeq ORF:	2427 bp
Locus ID:	10607
UniProt ID:	<u>Q12788</u>
Cytogenetics:	16p13.3
Domains:	WD40
Protein Families:	Druggable Genome
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 has multiple polyadenylation sites. It might have multiple alternatively spliced transcript variants but the variants have not been fully described yet. [provided by RefSeq, Jul 2008]