

Product datasheet for **SC323729**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006453.2

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GGGAGTGTGGCGTTCTGTGAAGAGTTTCGGTGCTAACCTCCCTCACGCGGCGGTGGCTGCC
GGGACCCTAGCAGGTTTCAAGACCACTATGCTGTGGAGCGGCGGCGGCAACATGGCAGAGACCGCGGCC
GGAGTGGGCGCTTCAAGACCACTATGCTGTGGAGCGCAAAATTGAGCCTTTCTACAAG
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GTCAACATTCTGGAAGTGGCCTCGGGGGCCGTGCTGCGGAGTCTGGAGCAGGAGGACCAG
GAGGACATCACTGCCTTTGACCTCAGCCCTGACAACGAGGTGCTGGTGACAGCCAGTCGG
GCATTGCTGCTGGCTCAGTGGGCCTGGCAAGAGGGCAGCGTTACCCGCTGTGGAAGGCG
ATACACACGCCCCCGTGGCCACCATGGCCTTCGACCCACCTCCACTCTGCTAGCCACA
GGTGGCTGTGATGGGGCCGTGCGCGTCTGGGACATCGTGCGGCACTACGGGACACACCAC
TTCCGAGGCTCGCCCGGTGCTGTCACCTAGTGGCCTTCCACCCGACCTACACGCCTG
CTGCTCTTCTCTCGGCCACGGATGCCGCCATCCGCGTGTGGTCACTGCAGGACCGGTCA
TGCTGGCTGTGCTGACTGCCACTACAGCGCCGTACCTCACTGGCCTTCAGCGCCGAC
GGCCACACCATGCTCAGTCCGGCCGTGACAAGATATGTATCATCTGGGACCTTCAGAGC
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CTGAAGGTGGCCTTTGTGAGCCGTGGCACGCAGCTGCTGTCCAGCGGTTCCGATGGCCTC
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TCCCGAGTCATCCTCTGGAAGGATGTGACCGAGGCGGAGCAGGCAGAGGAGCAGGCCAGG
CAAGAGGAGCAGGTGGTCAGGCAGCAAGAGCTGGACAACCTGCTGCATGAGAAGCGGTAC
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CGGCGCGACCAAGAAAGAGGCCCTGCTGCGCTTCTGCGTCACGTGGAACACCAACTCGCGG
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CTGCTGGCCTACGAAGGCGTGCGGGCAGCGCTTGAAGCCCTGCTGCCCTACACTGAGCGG
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GCCGCTCTCTGGCAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites: ECoRI-NOT

ACCN: NM_006453

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:	<u>NM_006453.2</u> , <u>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]