

Product datasheet for **SC332049**

TOB (TOB1) (NM_001243877) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TOB (TOB1) (NM_001243877) Human Untagged Clone
Tag: Tag Free
Symbol: TOB
Synonyms: APRO5; APRO6; PIG49; TOB; TROB; TROB1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332049 representing NM_001243877.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGCAGCTTGAATCCAAGTAGCACTAAATTTTATTATTTTCGTATTTGTACAATAAGCTTCCCAGGAGA
CGTGTCAACATTTTTGGTGAAGAACTTGAAAGACTTCTTAAGAAGAAATATGAAGGGCACTGGTATCCT
GAAAAGCCATACAAGGATCGGGGTTTAGATGTATACACATAGGGGAGAAAGTGGACCCAGTGATTGAA
CAAGCATCCAAGAGAGTGGTTTGGACATTGATGATGTTTCGTGGCAATCTGCCACAGGATCTTAGTGTT
TGGATCGACCCATTTGAGGTTTCTTACCAAATTTGGTAAAAGGGACCAGTGAAGGTGCTTACGTGGAT
GATAATAATGAAAATGGATGTGAGTTGGATAAGGAGATCAAAAACAGCTTAAACCCAGAGGCCAGGTT
TTTATGCCATAAGTGACCCAGCCCTCATCAGTGTCCAGCTCTCCATCGCCTCCTTTTGGTACTCTGCT
GCTGTAAGCCCTACCTTCATGCCCCGGTCCACTCAGCCTTTAACCTTTACCACTGCCACTTTTGGTGCC
ACCAAGTTCGGCTCTACCAAAATGAAGAATAGTGGCCGTAGCAACAAGGTTGCACGTACTTCTCCCATC
AACCTCGGCTTGAATGTGAATGACCTCTTGAAGCAGAAAGCCATCTTCTCCTCAATGCACCTCTGTAT
GGGCTTGGCTTGGGTAGCCAGCAGCAGCCACAGCAACAGCAGCAGCCAGCCAGCCAGCCGCCACCCACCA
CCACCACCACAGCAGCAACAACAGCAGAAAACCTCTGCTCTTCTCCTAATGCCAAGGAATTTATTTTT
CCTAATATGCAGGGTCAAGGTAGTAGTACCAATGGAATGTTCCCAGGTGACAGCCCTTAACTCAGT
CCTCTCCAGTACAGTAATGCCTTTGATGTGTTTGCAGCCTATGGAGGCCTCAATGAGAAATCTTTTGTA
GATGGCTTGAATTTAGCTTAAATAACATGCAGTATTCTAACCCAGCAATTCAGCCTGTTATGGCTAAC
TAA
```

Restriction Sites: Sgfl-Mlul
ACCN: NM_001243877
Insert Size: 1038 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).



[View online »](#)

| | |
|-------------------------------|---|
| 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_001243877.1</u> |
| RefSeq Size: | 2245 bp |
| RefSeq ORF: | 1038 bp |
| Locus ID: | 10140 |
| UniProt ID: | <u>P50616</u> |
| Cytogenetics: | 17q21.33 |
| Protein Families: | Druggable Genome |
| MW: | 38.2 kDa |
| Gene Summary: | <p>This gene encodes a member of the transducer of erbB-2 /B-cell translocation gene protein family. Members of this family are anti-proliferative factors that have the potential to regulate cell growth. The encoded protein may function as a tumor suppressor. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same isoform (1).</p> |