

Product datasheet for **MC206219**

Tob1 (BC082588) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tob1 (BC082588) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tob1
Synonyms:	Tob; Trob
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC082588
 CTGGCCCGCGCGCAGAGGGCGCTGTACGGGGACGCAGGGCCGGGCCCGGGCTGTGTAGAGAAGCGAG
 CGCGCTCGTGTAAAGCTTGCCGTCCCCGCCACCCCTGAGCCAGAGCAGCGAGCTCCCGGACCCGCCGAGG
 CGTCCGTGCGGTGTCGGGCGGTGGCGACGTCTTGACCCCGTGCCTCGCCGCTCCCGACCCACCCGCGC
 CCCC GCCGTGCCCTTCTCCCCGCCAGCCGCGGCTCGGCGGCGCCGAGCTCCGGAGCAGCTTGA
 ACAAGACCACGGGAAGGTTGAAGGATAATCTTCTAATACCAGCACTTTGAATGAGAATTTGTTCTCTGC
 CACAAACTGATTTTTTTTTTAAAAATTTATTTTTCTGGTGGAGGAGTTGAAACAAAGCTAACTTTTGT
 GGCTTCGAGCTATGCAGCTTGAATCCAAGTAGCACTCAATTTTATTATTCTTACTTGTACAATAAGC
 TTCCCAGGAGACGTGTCAACATTTTTGGTGAAGAGCTTGAAGACTTCTTAAGAAGAAATATGAAGGGCA
 CTGGTATCCTGAAAAGCCATACAAAGGCTCAGGGTTTAGATGTATACACGTGGGGGAGAAGGTAGACCCC
 GTGATCGAGCAGGCATCCAAAGAGAGTGGTTTGGACATTGACGATGTTCTGTGGCAATCTGCCACAGGATT
 TGAGTGTCTGGATCGACCCGTTTGGGTTTCTACCAGATCGGCGAAAAGGGACCAGTGAAGGTGCTGTA
 CGTGGACGACAGTAGTAAAACCGCTGTGAGCTGGATAAGGAGATCAAAAACAGCTTTAACC CGGAGGCC
 CAGGTGTT CATGCCATAAAGCGACCCGGCTCCTCCGTGTCCAGCTCTCCCTCACCTCCCTTCGGCCACT
 CTGCTGCTGTAGCCCTACCTTATGCCCGGTCCACGCAGCCTTTAACCTTTACCACTGCCACTTTTGC
 TGCCACCAAGTTGGCTCCACCAAAAATGAAGAATAGTGGCCGTAGCAGCAAGGTAGCTCGCACTTCTCCG
 ATCAACCTGGGCCTGACTGTAAATGTGAACGACCTCCTGAAGCAGAAAAGCCATCTCTTCTCAGTGCCT
 CTCTGTATGGGCTGGGCCTGGGCAGCCAGCAGCAGCCACAGCCGAGCCACAGCAGCAGCAGCAGCAGCA
 GCCGTCATCATCCAGCCGCCGCTCCACTACCGCAGCAGCAGCAGCAGCCACAGCAGCAGCAGCAGCAG
 CAGCAGCAGCAAACTCTGCTCTTTCTCCCAATGCCAAGGAATTTATTTTTCTAACATGCAGGGTCAAG
 GTAGTAGTACCAATGGAATGTTCCAGGTGACAGCCCCCTCAACCTCAGTCCCCTCCAGTACAGCAATGC
 CTTTGATGTGTTTGGCGCTACGGAGGCCTCAACGAGAAGTCTTTTGTAGACGGCTTGAATTTTGTAGCTTA
 AATAACATGCAGTATTCTAACAGCAATCCAGCCTGTTATGGCTAACTAAAAAACAAAACAAAGGAGA
 ACATGTATCGTACAAGTTAAAATGCATCGGCCCAAGGGGAACTTTTTTCTTTTTTTTTTTTGCCTCCT
 TGAGATTTTTTTTTTAAAGCTTATAGTAAGGACACATTCAGGCTTGGTTACAAAATAAAACACGCATCA
 TTTTTCATTTGCCAACCAAGCACAAAGTTATTTCTACTGACTGTATTTTTAAAGTATACTTTTCAGATA
 TGGCCTCTTACAGTATTTAAGATATAGCAAGGACATGGCTGAATTTTTTTTTTATAAAAAATTGGCACTA
 ATAAGTGGGTTTATTGGTCTTTTCTAATTGTATAATTTAATTTAGTACAAAGTTTGTAAAATATCAGAGG
 ATATATATATATTGTTTCTACGACATGGTATTGCATTTCTATCTTTTTACTACAGTGTCTGTGACAGCT
 TCATGTTGATTTTTTTTACTGAAATTGAAAATATCCATCTTAAAGACATCAGCTATTCTGAAAATTTGT
 GTACAGGATATTCCTTTAGTGGTGAATTTAAAATGTACGAATATTTGCTTTTTCAAAAAATGTATTTTC
 TGTTAAAGGTTTAAAGATTTTTGCTATATATTATGGAAGAAAATGTAATCGTAAATATTAATTTTGTACC
 TATATTGTGCAATACTTGAAAAACGGTATAAAAGTATTTTGTAGTCAAGTGTCTTACATGTTAAGAGGGAC
 TGAATAGTTTATATTAAGTTTGTATTAATTTCTTTAAATTAATAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: BC082588

Insert Size: 1089 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: [BC082588](#), [AAH82588](#)

RefSeq Size: 2302 bp

RefSeq ORF: 1089 bp

Locus ID: 22057

Cytogenetics: 11 D

Gene Summary: Anti-proliferative protein; the function is mediated by association with deadenylase subunits of the CCR4-NOT complex. Mediates CPEB3-accelerated mRNA deadenylation by binding to CPEB3 and recruiting CNOT7 which leads to target mRNA deadenylation and decay.
[UniProtKB/Swiss-Prot Function]