

Product datasheet for **MC203801**

Tob2 (NM_020507) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tob2 (NM_020507) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tob2
Synonyms:	2900090N22Rik; 4930545K18Rik; AV071822; mKIAA1663
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC011163
 GTCACAGTGCAGGCTGTAGTCCCAGCACTCAGGGAAGGGGAAGTAAGATCACAGCAAGTTCGAGGCTAG
 CCTGGTCTACCACATAGTGAGTTATAGGCCAACAGAGCTATATAGCATCAAAAAGTAAGACAAGGAGCA
 CACCAGTAGATCTGTGTGATCAAAGCTGGTGTCTGCTGTGCTCTGCTACTGCTCACCCCTGCTGGCACGGC
 TCAGGCAGTGTGTGCTGGGCCTTTCTATACAAATAGTAACCTTGCTTCTCTCCTCCTCCAGGAGCCTC
 TGGATCCCAGGATCCCTCGCTGTTCTGCGCCGCTCTGCTCTTGGGCTGTGCACGTGTCCCGTGTGTG
 CGTGCAGATCTCGCCCTAGAAGAGGGCCATGCAGCTGGAGATCAAAGTGCCCTCAACTCATCATCTC
 CTACTTATACAACAAGCTGCCCGCCGAGGGCAGACCTGTTTGGGGAGGAGCTAGAGCGGCTTCTGAGA
 AAGAAATATGAGGGCCACTGGTACC CGGAGAAGCCGTTGAAGGGTTCTGGCTTCCGCTGTGTCCACATTG
 GGGAAAGTGGTAGACCCTGTGGTGGAGCTGGCTGCCAAGCGGAGCGGCCTAGCTGTGGAGGATGTGCGTGC
 CAACGTGCCCGAAGAGCTGAGTGTCTGGATTGACCCTTTCGAGGTATCCTACCAGATTGGCGAGAAGGGA
 GTCGTGAAGGTCCTGTACCTGGGTGACAGTGAGGCGAGTGGTACCCAGAGCTGGACAAAGAGATCAAGA
 GCAGCTTCAACCCTGACGCCAGGTGTTTGTGCCATCGGCAGCCAGGACAGCTCTCTGTCCAGCTCTCC
 CTCGCCGCTCTTGGCCAGTCAACCAGCCACCTTCATCCCCGGTCTGCCAGCCCATCACCTTTACT
 ACTGCCTCTTTTGTGCCACAAATTTGGTTCCACTAAGATGAAGAAGGGTGGTGGGGCATCTGGCGGTG
 TGAGTGTGGGTGGCAGCGGGGCGGGTGGCCAGCAGCCCGCCACAGCAGCCTCGCATGGCCCGCTCACC
 CACAAAGAACCTGCTGAAGCACAAGAGCCTCTCTATCTATGCATTCACTGAACCTCATCCCAGCCAAT
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 TCTTCTCGATGGGGTGAAGGCCGAGCACCAGCACCACGGCCCTTTCGGCAGCGGTGGAGCCAGCAC
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 ATTCTGCCTGCCTCTGATTTTCAATTTGGTTGGTTTGGATTTTGAATTTATTTTTTTTACATGTAGTTTTCT
 ATATGACAACCTTAATTAGTGGTTTCTGTGCTAAGAGTGGTCCAGATGTGAATTGCTGCTCCCCACTCC
 CTCCTCCGCCCTTTGGGATCAGTGTGTTGAGGCTCACCGGAAGGAAGAGCTGAAACAGGGAGAGGCT
 GACACCCCCACCCCTCCACCCCGTGTCCACAACCCCAACCTAGCTGTCTTCTCAGGGCTGCCACCC
 AAATAAGTCTGGCCCTAGCCTCAACTCTCTCAGGCTGGGCCACAGGAAGCTGTGACTGGCCACTTGA
 CACCCTCCCCCTAAAGCTAATGTCTGTGACTATAGGGAGGTTAGCACTTTTTCTAATTGGAATCTTCTC
 TGTCTGTGGCCCATCCCTCACCGCTCTTGGCCTGGACCAGATACATGCAGCCTTTTCTCCAGCACA
 GCCTTTCCCTGAGCCTGAGGTTAGGGCAGAGTTTAGAGGGTGGGCTAAGTGTATGTTTTCATGTATGCAT
 TCATGCCTGTGAGTGTGTGGCTTGTGTGCTCTGGGATCCCAAGCCACGCGGGTCTTCCCTCTGT
 AGATGGGTCTGGGTTCTATCACCTGCTATTTATGTACGAGGTTGGGGGTGGACCCAGGGTGGGTTGA
 TTGTCTCTTTGTAAGGAAGTATGTGTGGGGGTGACACGAGGCTAAGCCCGAGAAACCCCGGGGACAGC
 ACTGCATAAGAACTGGTTTCCCAGACTGCAGAGGGAGCTGCACCTTTGTTTTGACCAAAAAACAAAAA
 CAAAACAAAACAAAACAAAACAAAATAACTCTGAAGGGCGGGAGGATACCCAAGCCTGATGCCTGAGA
 GGAGTCCCTAGACTTCAGCAACTCCGCTGCGTGGCCTGAGCCCAGCGGGAGGGATGGGGAGAGAATTTTT
 TGGAGCCGTGCCTGTGGTGGCAGTCTGAGCCTTTCAGCTGAAGCAGTGTCTTTTGGCTGCCCTCACCT
 CGCACTACTTGACCTTGAGGCTCTGAGTATCTCCTGTGCACAGGAGAAGCTCCTGCACCAGAAAGCACCA
 AAGCCCTGGCACCCATCTTACTCCACTCTCCCAGGGACTCCCAGGTGGGAAGTGTGTGGCAGTGAG
 CTCAGCCCGACAGACTGCCAACCCTGTCTCCTGGCATTGGGCTCCGGCTCTACTCCCCAAGCAGGG
 CGAGGCCCGCCTTCTCAGCCTAGCACCTGTCCCCGAGTCTTCTCCAGCTTGCCCATCATTCTCGGC
 GCCCACACAGGTGACAGTCCAAGTAGATAACCTCCATGGGACAAGTTGGGTGTTGCCTTACCCGCTGC
 CCAGCCCTCTCCACAGGAACACAGGTACCACCTGCACCCACGACAGCTTCTTTTCTCACACATGGGG
 AGACTGGAGCCGAGCCCTTGTGTCTTTTGAATAGGAAGAAAAATGAGTGTTCAGGAACATGACTCCTG
 GACTGGGCTCTTGGGCCAGTTCAGTGTCTCATCGAAATCTAGGCATTTTTGCTTCTATTTTATTTAAT
 TTTTTTTTTTAAGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_020507

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).
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:	BC011163 , AAH11163
RefSeq Size:	3249 bp
RefSeq ORF:	1038 bp
Locus ID:	57259
UniProt ID:	Q9JM55
Cytogenetics:	15 E1
Gene Summary:	Anti-proliferative protein inhibits cell cycle progression from the G0/G1 to S phases. [UniProtKB/Swiss-Prot Function]