

Product datasheet for RN211742

Tob1 (NM_133317) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tob1 (NM_133317) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tob1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211742 representing NM_133317 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGCTTGAAATTC AAGTAGCACTAAATTTTATTATTTCTATTTGTACAATAAGCTTCCCAGGAGAC
GTGTCAACATTTTTGGTGAAGAAGCTTGAAGACTTCTTAAACAGAAAATGAAGGGCATTGGTATCTCTGA
GAAGCCATACAAAGGCTCAGGGTTTAGATGCATACACGTAGGGGAGAAGGTGGACCCGGTGATCGAGCAA
GCGTCCAAGAGAGTGGTCTGGACATTGACGATGTTCTGGCAATCTGCCGAGGATCTGAGCGTGTGGA
TCGACCCGTTTGGAGTTTCTACCAAATCGGTGAGAAGGGACCAGTGAAGGTGCTGTACGTAGATGACAG
TAATGAGAACGGGTGTGAGCTGGATAAGGAGATCAAGAACAGCTTAAACCCTGAGGCCAGGTTTTTCATG
CCCATAAGCGACCCAGCCTCCTCTGTGTCCAGCTCGCCGTCGCCTCCCTTTGGCCATTCTGCTGCCGTCA
GCCCCACCTTCATGCCCCGGTCCACTCAGCCTTTAACCTTTACCACTGCCACTTTTGTGCCACCAAGTT
TGGCTCCACAAAATGAAGAACAGTGGCCGTAGCAGCAAGGTAGCACGCACTTCTCCCATCAGCCTGGGC
CTGAATGTCAATGTGAACGACCTCCTGAAGCAGAAAGCCATCTCTTCTCAATGCACTCTCTGTACGGGC
TGGCCTGGGCAGCCAGCAGCAGCCTCAGCCGAGCCGAGCAGCCGCATCCAGCCACCACCGCCGCC
ACCACCTCCACAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAACAGCAGCAGCAGCAG
CCGAGCAGCAAACCTCTGCTCTTTCTCCAATGCCAAGGAATTTATTTTCTTAACATGCAGGGTCAAG
GTAGTAGTACCAATGGAATGTTCCAGGTGACAGCCCTTAACCTCAGTCCCCTCCAGTACAGTAAATGC
CTTTGATGTGTTTGGCCCTACGGAGGCCCAACGAGAAGTCTTTTCGTAGACGGCTTGAATTTAGCTTA
AATAACATTAGTATTCTAACAGCAGTTCAGCCCGTAATGGCTAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_133317



Insert Size:	1101 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:	NM_133317.2 , NP_579851.2
RefSeq Size:	2039 bp
RefSeq ORF:	1101 bp
Locus ID:	170842
Cytogenetics:	10q26
Gene Summary:	human homolog is an antiproliferative protein involved in the negative regulation of osteoblast and T cell proliferation [RGD, Feb 2006]