

Product datasheet for **SC101951**

TBRG1 (BC032312) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TBRG1 (BC032312) Human Untagged Clone
Tag:	Tag Free
Symbol:	TBRG1
Synonyms:	FLJ14621; FLJ25020; FLJ90113; MGC129890; NIAM; nuclear interactor of ARF and MDM2; TB-5; transforming growth factor beta regulator 1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC032312, the custom clone sequence may differ by one or more nucleotides

ATGAGCCTGCTGGACGGCCTCGCTTCCTCGCCGCGGGCTCCGCTGCAGTCCAGCAAGGCCAGGATGAAA
AGCTCCCGAAGAAGAGCCAGAATGAGAAGTACCGGCTGAAGTACCTGCGGCTGCGCAAAGCGGCCAAGGC
CACGGTGTGTTGTGAGTCTGACCCACGTTTCAGCCGGTCCCTCCTGGAGACTCCCTCACAAAATCTTTCCC
CAAGCTGTTCCCTTCCAGTGTGACAGTATTAATACAGTGTGGCTTTTCCGTATACGTTACTACTTG
TTAGCCTGTGTCCTTGGACAAATTACGTAATTTCTGTGTCCTCATCTGTAAATGAGCTAGTAAGTGT
CTTGCAGAATAATGAATATTAA



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for BC032312 unedited
 TTTTGTAAACGACTCACTATAGGGCGGCNCGCGAATTCGCACGAGGCGGAAGTGTGGG
 AGGCGCCGGGAGCCGTTTCGGTTGCGGGTGTCTCTGGCCCTGCGGTACGCCCTGGGAACG
 TCCCGGAGAGCTAGATTCTAGAGGCCGATTCCGCTAGCCCGGAACAGACAAAGCCAGC
 GCTCCCGCCCGCTCCCGACTTAGGATCCGATGCCGGCAGCGTCTGGGGCCCCGTAGC
 GGGGCTGGACCATGAGCCTGCTGGACGGCTCGCTTCTCGCCGCGGGCTCCGCTGCAGT
 CCAGCAAGGCCAGGATGAAAAAGCTCCCGAAGAAGAGCCAGAATGAGAAGTACCGGCTGA
 AGTACCTGCGGCTGCGCAAAGCGGCCAAGGCCACGGTGTGTGTGAGTCTGACCCACGTTT
 AGCCGGTCCCCTCCTGGAGACTCCCTCACAAAATCTTTCCCAAGCTGTTCCCCCTTCCC
 AGTGTGACAGTATTAATACAGTGTGGCTTTTCCGTATACGTTACTACTTGTAGCCTTG
 TGTCTTGGACAAATTACGTAATTTCTGTGTCTCATCTGTAATGAGCTAGTAACTG
 TCTTGACAATAATGAATATTAATGAGTAAAGAAAAGTGTGGTGCCTAAAAGACATA
 CCAATAAATTNTAGTCATCGTTGTTACTGCAGGACTCTAGGAAATGTGTTTGATTCTCGA
 GATACAGCCCTGAGAATAGGCATTATTTGTAAGAGAACTNGAGCCAGAGAGATGA
 TTTGCCCAAGGTAAGTGTGTGAGAGCCCTGACTCCAACNTTAGATAACCTGGATCCGTTT
 TATGACTTCCAGTACACAGACTATTTTCTGAGCCCTCCAATCCCAT

3' Read Nucleotide Sequence:

>OriGene 3' read for BC032312 unedited
 AATCACTTGNACCGCGCCGCTTTCTANGATCGAGTTTTTTTTTTTTTTTTTGTAAATGA
 TGAATCAATCTATCTCCCAAGCACCAATCCTGAAGGGAATGCTGAATCTGAATGCCCCCA
 TAGGTGGAACCTCAAACTCTCAATGTTCAAAACAACATCGCTTTTTCTTCAAAAATCTT
 CATTATGTATTTGATGGAACCAATATCCTTGAAATAACATAAAATCCAAGCTTTAGGTAC
 CTTTGACGTATAGGGGATAAAGAAAGGGAACAGTCAATCAGATGCTAAGTTCTCTTAGT
 TTTACTTTTCTTGTCTCTCCAGTGCAATAGCAAGCAATACATAGCAAGTGTCTGAA
 TAAGTGCTTTTGAATGTGTATTCTAATTTCTGAACCTTTCTTATGCTTCCAAAATGC
 TGAGAGACGTTCAAGCTTTTGGTAGAGAGAAGAGATGAAGTGTGACTTGGATGTGGGG
 GACATTTGAGGACTCCACCCCTATTTCCAAGCACTGAGGCAAGCCAACTATTCTAATAT
 AAAGTTATGGCTGGCAAGCTATATTAAGTTTATTCACTCAATAAATCCAGTGCTTCTACA
 ATAAAAGAAAGGAAGAAACACTTGAACACTCAAAGGTTAGAGGGGGGAAATTACTGACA
 GTTTCATGTACCTCTTTGGGCAAAGGTCAGTTATGGGGATTTGAGGTGCTCAGAAAATA
 GTCTGTGTACTGGAAGTCATAAAACGGAATCAGGTTTATCTAAGTTGGAGTCAGGGCTCT
 GCACAGTACCCTTGGGCAATCATCTCTCTGGGCTTCAGTGTCTCATTTTACAAATATG
 CCCTATTCTCAGGCTGTATCTCGAGAATCAAACACATTTCTAGAGTCCCTGCAGTACA
 ACGATGACTAAAATTTATTGGTATGTCA

Restriction Sites:

NotI-NotI

ACCN:

BC032312

Insert Size:

1400 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:	BC032312.1 , AAH32312.1
RefSeq Size:	1498 bp
RefSeq ORF:	372 bp
Locus ID:	84897
Cytogenetics:	11q24.2
Gene Summary:	Acts as a growth inhibitor. Can activate p53/TP53, causes G1 arrest and collaborates with CDKN2A to restrict proliferation, but does not require either protein to inhibit DNA synthesis. Redistributes CDKN2A into the nucleoplasm. Involved in maintaining chromosomal stability. [UniProtKB/Swiss-Prot Function]