

Product datasheet for **MC205975**

Tbrg1 (NM_025289) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tbrg1 (NM_025289) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tbrg1
Synonyms: AA408552; AA409675; mFLJ00213; Niam; Tb-5
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC021331

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CCACGCGTCCGCCGAACCACCGCAACTTCCAAACCCGGAAGTTACACGTGGCGGTGCTTTTGCCTCAACT
CCGGCGGGTCTTCTTGGGAAATCGACTGGGAAGTGCCGAGGATCGCCATCTGTTTCTGCCTGCGCTCCA
TCCCCTCCGCGCCCCGGAGCTCCAGAACCAGGCTGATCATGAGCGTGTGAGCGCCTGCCTCCGAGC
CGCGCACCCCGTGTCCAGCAAGGCCAGGATGAAAAGGCTCCCGAGGAAGAGCCAGAACGAGAAGTACCG
GCTGAAGTACCTGCGGCTGCGCAGAGCAGCTAAGGCCACGGTGTGTTGAAAATGCTTCCATCTGTGATGAA
ATTGCTCGTCTTGAGGAAAAATTTCTTAAAGCAAAGGAAGAAAGAAGATACTTGTAAGAAGCTCCTCC
AGATACATGCTCTAACTGAAGGGGAGCCACAGGCCGCTGCTCCTTCCACAGCTCCAGTTTGCCCTGCC
TTATGGTGTACCAGCTCTGTGGAACTATGCAGGGAGCCGGGCCAGCACTGGGGCCGAGGAACCATTT
GCGAAGAAATCCAAGAAGGAGAAGAAAGAAAAGGCAAGGAGAACAGCAAACCTGGAAGTTCTGAAGAAA
CATCCAAGAAAAAGAAAATGGAGGGAGGTGCTCGAAAACCTGGTTCGACCCATTGCCCTGGATCCTTCAGG
ACAGCCTGTGTTCCCATCGGACTAGGGGGTCTGACAGTATACAGTCTGGGGGAGATCATACCAACCGA
CCTGGCTTCCATGATGAGAAATGCCATCTATCCTGTGGGCTACTGCAGTACCCGAGTGTATGCTAGCATGA
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TGTTCTGAAGATGACCCCAAGAAATACCATCGTCGGCTCCTCTGCAGATGCTGTTATGAAGAACTGCTC
AGGGCCATCAGTGCCACAACAGGGAACTGATGCCCAACCCACTTTCATGCGGTGCCGACTTCTTTGGGT
TTTCTCATCAACCATCCACAACCTGATCAGAGTTGTCCAGAAGCTCAAACCTGTGCAATTACCAGTG
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CTTGTTGACTGACCTGCAGCACCTGAAATCTCCATCCAGTGTAGCCCAATTCACTTCTCAGATTGA
ACAGGAAAGGGGTGGAGCCCCTGCCTTCTCCTCATTATGAGTTTTAAACGAAAACCTCACTCTGTGGAAG
GAGGCAGCATCTGAGAAACAGGGAAGATACACGTTTCATTGTGGGTGTTCCAGGGTAAACCTCAGTTGC
TTGACTTTTCAGTAATAAATATATCCTGGCAGTTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI



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ACCN:	NM_025289
Insert Size:	1161 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:	BC021331 , AAH21331
RefSeq Size:	1624 bp
RefSeq ORF:	1161 bp
Locus ID:	21376
UniProt ID:	Q3UB74
Cytogenetics:	9 A4
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]