

Product datasheet for MC201421

Terf1 (NM_009352) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Terf1 (NM_009352) Mouse Untagged Clone
Tag: Tag Free
Symbol: Terf1
Synonyms: P; Pin2; Trbf; Trbf1; Trf; Trf1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC034866 sequence for NM_009352
GCGAGCGCTTTTCGGTTTAAACATGGCGGAGACGGTCTCCTCAGCGGCCCGGACGCGCCGAGCCGTGAGGG
CTGGACAGATTCCGATTCTCCAGAGCAGGAGGAGGTGGGAGACGCGGAGCTGCTCCAGTGCCAGCTT
CAGCTGGGGACCCGAGAGAGATGGAGAACGCGGAGCTTGTGGCTGAGGTGGAGGCCGTGGCTGCGGGCT
GGATGCTCGACTTCTCTGCCTGTCTGTGCCGAGCCTTCCGTGACGGCCGCTCCGAGGACTTTCGTCTG
TACTCGTGACAGCGCCGAGGCTATTATTCATGGACTACACAGACTTACAGCTTACCAATTGAAAAGTGTG
TATATATGTCAGTTTTTGAAGAGTTGCATCTGGAAAGGCCCTTGATGCACAGTTTGAAGTTGATGAGC
GTATTACACCCTTGAATCAGCCCTGATGATTTGGAAGTCAATTGAAAAGGAACATGACAACTGCATGA
CGAAATAAAGAATTTAATTTAAATTCAGGCTGTAGCTGTTTGTATGGAAATTTGGCAGCTTAAAGGAAGCA
GAAGAAGTATTTGAAAGAATTTTGGTGTATCCAGAATTTTACACGCCTTTAGAAAGGAAGTTACTTAAGA
TAATCTCTCAGAAGGATGTGTTCCACTCCCTTTTCCAACACTTCAGCTATAGCTGCATGATGGAGAAAAT
TCAGAGTTATGTGGGTGATGTGTTAAGTAAAAATCATCAACTTTTCTAATGAAGGCAGCAACAAAAGTA
GTGGAAAATGAGAAAGCGAGGACACAAGCGTCTAAGGATAGGCCAGATGCCACCAACTGGAATGGACA
CTGAAGTTGGTTTGAATAAAGAGAAAAGTGTAAATGGCCAGCAGTCTACAGAAAAGTGAACCTTAGTGGA
TACAGTATCCTCAATAAGGTCTCACAAGAAGCGCTTATCGCAGTTAAAACACAGACGTGCTCCATCAGAT
TTCAGTAGGAACGAAGCAAGAACAGGAAGTCTTCAGTGTGAAACAACGATGGAAGGAACCGAAGAACCA
GTGGAAGGAATAGATTGTGTCTCAGAGAATCAGCCAGACACTGATGACAAAAGTGGACGACGAGAAAAG
ACAGACATGGCTTTGGGAAGAAGACAGAATTTTGAAGTGTGGTGTAAAGAAATATGGAGAGGGAAATGG
GCTAAAATACTATCCCATTATAAGTTCAACAACCGAACAAGTGCATGTTAAAAGATAGATGGAGAACAA
TGAAGAGACTGAACTGATTAGCTGAGACACTGGAGGCTGGATGGGTTTGATTACGCTTAATACAAGGAT
AAATACTTGGATCACTACACTTTGTTTACAATTTCTGGTCAAGTAAATGATAAAGCATTATGGTGGTGGTG
GGGCAGTGAGGAGGGGAAGAGAAAAGAGAGTTTTTGTGTTTTTGGTTTTTGTGTTTTGTTTTGTTTTGTT
GTTTTTGAAGGAGATTTGTGCTTTAAATCTATGTCATCATTATTTCTGAATCTTTATTTTTGTAATAAT
ATAGATATGTTGAACCCTACCAATTCAGTACCCCATCCCATATTCTGTTTTAATACAAAAGAGTCTAAT
AAGATTAATGAATATATGACTAA

Restriction Sites: EcoRI-NotI



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ACCN:	NM_009352
Insert Size:	1266 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:	BC034866 , AAH34866
RefSeq Size:	1679 bp
RefSeq ORF:	1266 bp
Locus ID:	21749
UniProt ID:	P70371
Cytogenetics:	1 4.88 cM
Gene Summary:	<p>This gene encodes a protein that binds to repeats in telomeres to form a nucleoprotein complex that protects against the degradation of chromosomal ends. The encoded protein regulates the length of telomeres and is an integral structural component of the functional telomere. This protein is thought to play a role in spindle formation in mitosis. Mutations in this gene are associated with bone marrow failure. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Nov 2013]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>