

Product datasheet for **MC223558**

Tcerg1 (NM_001039474) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcerg1 (NM_001039474) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tcerg1
Synonyms: 2410022J09Rik; 2900090C16Rik; AI428505; ca150; CA150b; FBP23; FBP28; p144; Taf2s
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223558 representing NM_001039474
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGAGCGTGGCGGGGACGGAGGGGAAGGCGAGCGGTTCAACCCGGGGGAGCTGAGGATGGCTCAAC
 AGCAGGCCCTTGAGGTTCCGAGGCCAGCTCCCCACAAATGCCGTGATGCGAGGCCCGCCACCTCTCAT
 GAGACCACCTCCTCTTTTCGGCATGATGAGAGGCCCTCCTCCACCACCCAGGCCCCCTTTGGACGGCT
 CCTTTTGATCCTAATATGCCACCAATGCCTCCTCCAGGAGGAATACCTCCACCTATGGGCCACCTCACC
 TACAGAGACCACCTTTTCATGCCTCCACCATGGGAGCTATGCCTCCTCCTCCGGGTATGATGTTCCACC
 AGGAATGCCTCCGGGGACTGCTCCTGGTGTCCAGCACTGCCTCCACTGAGGAGATATGGGTAGAAAAAT
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 CCAGGCCAGGCCAAGCACAGGCTCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCC
 GCCCAGGCTCAGGCACAAGCCCAGGCTCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCC
 AAGCGCAAGCACAAAGCCCAGGCCAAGCCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCCAGGCC
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 CCATCCTCCACCAGCTACCACGACAAGTCTACTTTCAGTTGCACAGACAGTATCAACACCCACAACAC
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 ACTGAGGAGGAAGATCCTAAGGAAGAGCCTGTGAAGGAGATAAAGGAGGAGCCCAAGAAGAAGAGATGA



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CTGAAGAAGAAAAGGCTGCCAGAAAGCCAGTAGCTACTACTCCTATTCCTGGTACTCCATGGTG
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CCTGATGATTTGATTGGAAGGGCGGATGTTGACAAAATTATTCAAGAGCCCCCTCATAAGAAAGGATTGG
AAGACATGAAGAAGCTAAGGCACCCGGCTCCGACAATGCTGTCCATCCAAAAGTGGCAGTTCTCAATGAG
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CCTAAAGAAAGAAAACAGGTGTTTGATCAGTATGTCAAGACCAGAGCAGAGGAAGAACGCAGGAAAAGA
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GACCAAATTCATTACATACAGATCCAAAAGTTAATCCAAGAATCTGATCAGCACCTGAAAGATGTAGAA
AAGATTTTGCAGAATGACAAACGGTATCTAGTACTGGACTGTGTCCCGAGGAGAGGAGGAACTAATTG
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ATCAACAAAATAA

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001039474
- Insert Size:** 3303 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:** [NM_001039474.1](#), [NP_001034563.1](#)

RefSeq Size: 4409 bp

RefSeq ORF: 3303 bp

Locus ID: 56070

UniProt ID: [Q8CGF7](#)

Cytogenetics: 18 B3

Gene Summary: Transcription factor that binds RNA polymerase II and inhibits the elongation of transcripts from target promoters. Regulates transcription elongation in a TATA box-dependent manner (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (1).