

Product datasheet for MC229367

Tcerg1 (NM_001289526) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcerg1 (NM_001289526) 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: >MC229367 representing NM_001289526
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGAGCGTGGCGGGGACGGAGGGGAAGGCGAGCGGTTCAACCCGGGGGAGCTGAGGATGGCTCAAC
AGCAGGCCCTTGAGGTTCCGAGGCCAGCTCCCCACAAATGCCGTGATGCGAGGCCGCCACCTCTCAT
GAGACCACCTCCTCCTTTCCGGCATGATGAGAGGCCCTCCTCCACCACCCAGGCCCCCTTTGGACGGCT
CCTTTTGATCCTAATATGCCACCAATGCCTCCTCCAGGAGGAATACCTCCACCTATGGGCCACCTCACC
TACAGAGACCACCTTTTATGCCTCCACCATGGGAGCTATGCCTCCTCCTCCGGGTATGATGTTCCACC
AGGAATGCCTCCGGGGACTGCTCCTGGTGTCCAGCACTGCCTCCACTGAGGAGATATGGGTAGAAAAAT
AAAACCTCAGATGGGAAGGTTTATTACTACAATGCTCGGACTCGTGAATCTGCATGGACCAAGCCAGATG
GAGTTAAGGTTATTCAGCAATCAGAAGTACGAGCCATGCTTGCAGCCCAAGCACAGGTTCCAGGCCAGGC
CCAGGCCAGGCCAAGCACAGGCTCAGGCCAGGCCAGGCCAGGCCAAGCCAGGCTCAGGCCAGGCCAG
GCCCAGGCTCAGGCACAAGCCCAGGCTCAGGCCAGGCCAGGCCAGGCCAGGCTCAGGCTCAAGCCCAAGCCC
AAGCGCAAGCACAAAGCCCAGGCCAAGCCCAGGCCAGGCCAGGCCAGGCCAAGTCCAAGCACAAAG
AGTAGGCGCTCCACCCCTACCACAGTAGCCACAGCCTGCAGTGTCCAGTCAACTCCGACATCTACC
CCATCCTCCACCAGCTACCACGACAAGTCTACTTTCAGTTGCACAGACAGTATCAACACCCACAACAC
AAGACCAGACCCCAAGTCTGCTGTTTTCAGTTGCCACACCTACAGTTAGTGTTCAGCTCCTGCTCCTAC
AGCCACACCTGTGCAAACCGTACCCAGCCGACCCACAGACGTTACCTCCTGCTGTTTCTCACTCGGTA
CCTCAGCCGGCAGCAGCAATACCTGCTTTCCACCAGTAAATGGTGCCTCCGTTCCGTGTGCCCTGCCTG
GCATGCCAATCCCACTTCCAGGTGACTACCAGGAATGGCCCTCCTATAGTACCCATGATCCATCCCCA
GGTTGCTATTGCAGCTTACCTGCTACCCTAGCTGGGGCAACAGCAGTTTCTGAGTGGACTGAATATAAA
ACAGCAGATGGGAAGACGTAATATAATAATAAGAACTAGAATCCACGTGGGAGAAGCCCCAAGAAC
TGAAGGAGAAAGAAAAATTAGATGAGAAGATTAAGAACCAATTAAGGAGGCCTCTGAAGAGCCATTGCC
AATGGAGACTGAGGAGGAAGATCCTAAGGAAGAGCCTGTGAAGGAGATAAAGGAGGAGCCAAAAGAAGAA
GAGATGACTGAAGAAGAAAAGGCTGCCAGAAGGCAAAGCCAGTAGTACTACTCTATTCTGCTACTC



CATGGTGTGTTGTTGGACTGGTGATGAGAGGGTCTTCTTTTACAATCCCACCACCCGCCTTTCTATGTG
 GGACCGGCCTGATGATTTGATTGGAAGGGCGGATGTTGACAAAATTATTCAAGAGCCCTCATAAGAAA
 GGATTGGAAGACATGAAGAAGCTAAGGCACCCGGCTCCGACAATGCTGTCCATCCAAAAGTGGCAGTTCT
 CAATGAGCGCAATTAAGAAGAACAAGAGTTAATGGAAGAAATGAATGAAGATGAGCCTATTAAGCAAA
 AAAGCGGAAGAGAATGTCAAAGAAGTCTTTATGTGGATTGCCGAGCTTCTCTATTTAGGAGAGATGAT
 AATAAAGACATTGATTCAGAGAAAAGAAGCTGCCATGGAAGCTGAAATTAAGCTGCCCGAGAAAAGGCCA
 TTGTCCCTCTGGAGGCTCGAATGAAGCAGTTCAAGGACATGCTGCTAGAGAGAGGGGTGTCTGTTTTTC
 AACATGGGAGAAAAGAGTTGCACAAGATAGTATTTGACCCTCGGTACTTGCTTCTCAATCCTAAAGAAAGA
 AACAGGTGTTTGTATCAGTATGTCAAGACCAGAGCAGAGGAAGAACGCAGGAAAAAGAAAAACAAAATAA
 TGCAAGCCAAGGAAGATTTCAAAAAATGATGGAAGAAGCAAAGTTAATCCAAGAGCTACTTTTAGTGA
 ATTTGCTGCCAACATGCTAAAGATTCAAGATTCAAAGCAATTGAAAAGATGAAAGATAGAGAAGCATTG
 TTTAATGAGTTTGTGGCAGCTGCAAGGAAGAAAAGAAAAGAAAGATTGCAAGACGAGAGGGGAGAAGATTA
 AATCAGATTTCTTGAAGTGTATCTAATCATCACTTGGATAGTCAATCTCGATGGAGCAAAGTAAAAGA
 CAAAGTAGAAAGTGACCCCGATATAAAGCGGTGGATAGTTCATCAATGAGAGAAGACCTTTTCAAACAG
 TACATCGAGAAAAAGCCAAGAATTTAGACTCAGAAAAAGAAAAGAGCTGGAGAGGCAAGCCCGCATTG
 AGGCAAGCCTTCGAGAACGGGAAAAGAGAAGTTCAGAAGGCGCGCTCTGAGCAGACGAAAGAGATCGATCG
 GGAGAGAGAGCAGCACAACGGGAGGAGGCTATCCAGAATTTCAAGGCTCTTCTGTCTGACATGGTACGT
 TCTTCAGATGTGTCTGTGCTGATACTAGGAGGACCCTCCGAAAAGACCACCGCTGGGAATCTGGGTCT
 TATTGGAAGAGAGGAGAAAAGAGAACTTTTTAATGAACATATTGAAGCGCTTACCAAAAAGAAAAGGGA
 GCATTTAGGCAGCTTCTGGACGAAACCTCTGCGATTACCTAACATCCACGTGGAAAGAAGTGAAAAAA
 ATAATTAAGGAAGATCCTCGGTGCATTAAGTTCCTCCAGTGACAGGAAAAACAAAGGGAGTTTGAAG
 AATACATCAGAGACAAAATACATCACTGCCAAAGCTGACTTCAGGACACTTTTGAAGAGACCAAAATTCAT
 TACATACAGATCCAAAAAGTTAATCCAAGAATCTGATCAGCACCTGAAAGATGTAGAAAAGATTTTGCAG
 AATGACAAACGGTATCTAGTACTGGACTGTGTCCCGAGGAGAGGAGAAACTAATTGTGGCCTATGTTG
 ATGACCTGGATCGCCGAGGTCCACCCACCTCCACAGCATCAGAGCCACTAGACGATCAACAAAATA
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001289526
- Insert Size:** 3291 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001289526.1](#), [NP_001276455.1](#)

RefSeq Size: 4397 bp

RefSeq ORF: 3291 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 (2) lacks an alternate in-frame exon in the 5' coding region and contains an alternate 3' exon, compared to variant 1. This results in a shorter isoform (2), compared to isoform 1.