

Product datasheet for RN201355

Tfec (NM_022379) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tfec (NM_022379) Rat Untagged Clone
Tag: Tag Free
Symbol: Tfec
Synonyms: Tcfec
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201355 representing NM_022379
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACTCTTGACCATCGGTTGTTAGCCAGACTCTCAAGAGAGCACAGCCTCTAGCAGCAAGCTGCATGC
CTCTGGCAGAGCATGGACCCAGGAGCCAGACAGTGATGCTGGCTGTGCAGGAAACCCATTACAAATCC
TCTGGCTCTTGGAAAGAAGATGGCGTTGTGGAATGGCGGTTGTCTGGTAGTATTTGGATGTATATAGT
GGCGAGCAGGGCATTCTCCAGTTAACTGGTCTTATGAATGCTTCTGTCCAAGTATTCTACCCATGA
AGAAGGAAATTGCAGAACTGACACTAGAGCTTTGGCAAAGGAGAGACAGAAAAAGGACAACCACAACT
CATTGAAAGAAGAAGGTATAATATTAATTACAGAATCAAGGAGCTTGGCACTCTTATCCAAAGTCT
AATGATCCTGATATACGCTGGAACAAAGGAACCTTCTAAAAGCATCAGTGGACTACATCAAGTGGCTAC
AAAAAGAACAACAGAGAGCCCGGAGTTAGAACACAGGCAGAAGAAATTAGAGCATGCTAACCGGCAGCT
TATGCTCCGATTTCAGGAGCTAGAAATACAAGCACGTGCTCATGGTCTACCAATCCTGGCTTCACTCGGC
ACAGCTGACTTTGGTACCCACATCACTAAACAGCAGACCCATTCTGAGAAGAAGTCAAGTGGCTGTTGCC
AACAACTGACTCCATCCAGGGGACAAGCCCGGAGTTCTATGAGCAAGCTGTGGCTTCTCTGATCCACT
GTCTCACTTACAGATTTATCGTTTAGTGCTGCTTTGAAAGAGGAGCAAAGATTGGATGGTATGCTACTA
AGTGATACAATATGCCCTTTGGGACGGACCCGCTACTCTGCCATTTCTCCTGCAGTTTCCAAAGCGA
GCAGTCGAAGCAGCCTTAGCTCAGAGGATGGCGATGAACTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022379
Insert Size: 954 bp



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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:	<u>NM_022379.1</u> , <u>NP_071774.1</u>
RefSeq Size:	1619 bp
RefSeq ORF:	954 bp
Locus ID:	26296
UniProt ID:	<u>Q63302</u>
Cytogenetics:	4q21
Gene Summary:	basic helix-loop-helix (BHLH) DNA-binding protein; contains a leucine zipper motif; forms heterodimers with TFE3 and inhibits TFE3-dependent transcription activation [RGD, Feb 2006]