

## Product datasheet for **RN216935**

### **Tfe3 (NM\_001271227) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tfe3 (NM_001271227) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tfe3
Synonyms:	RGD1559642; Tcfe3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN216935 representing NM\_001271227  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTCATGCAACTGAGACAGCTCGGGACGGCGTAGAGGCCAGCGCGGAGGGCCCTCGAGCCGTGTTCCG  
 TGCTGTTGGAAGAGCGCAGGCCAGCTGACTCGGCCAGCTGCTCAGCCTGAATTCCTTGCTTCCGGAATC  
 CGGGATTGTTGCTGACATCGAGTTAGAAAAACATCCTTGATCCTGACAGCTTCTACGAGCTCAAAAGCCAG  
 CCTCTATCCCTTCGCTCCAGCCTTCCAATACTGCAGGCCACTCCGACCACCCAGCTACACTCTCTG  
 CATCGTCTTTCGAGGGGCTCCCGACCCCTGCCATGTCATCCTCCTCACGGGTCTTGCTGCGGCA  
 GCAGTTATGAGGGCCAGGCACAGGAACAGGAGAGGCGTGAGCGGGGGAACAGGCAGCGGCCGCTCCG  
 TTCCCAGTCTGCACCTGCCTCACCAGCCATCTCAGTGATTGGTGTGTCTGCTGGTGGCCACACATTGA  
 GTCGTCCACCCCTGCTCAGGTGCCAGGGAGGTACTCAAGGTTCAAACCCACCTAGAGAACCCTACAGC  
 CTACCCTTGACGAAGCTCGCCGGCAACAGGTGAAACAGTACTTGTCTACTACACTTGGGCCAAAGCTG  
 GCTTACAGGCCCTCACCCACCCAGGGCCTCCAGTGCTCAGCCACTTCTGCCCTGAAACTGCTC  
 ATGCCACCGGCCCTACAGGCAGTCTCCTAACAGCCCATGGCATTGCTCACCATTGGGTCCAGCTCAGA  
 GAAGGAGATTGATGATGTCATTGATGAGATCATCAGCCTGGAGTCCAGTTACAACGATGAGATGCTCAGC  
 TATCTTCTGGAGGCACTGCAGGGCTGCAGTCCCGCAGCAGCTGCCTGTGTCAGGAAATCTACTTGATG  
 TGTACAGCAGTCAGGGTGTGGCCACCCAGCCATCACTGTGAGCAATTCCTGTCTGCTGAGTGCCTAA  
 CATCAAACGGGAGATCTCGGAAACCGAGGCAAAGGCCCTTTTGAAGGAGCGACAGAAGAAAGACAATCAC  
 AACCTAATTGAACGACGACGAGCGATTCAACATTAACGATAGGATCAAAGAGCTGGGCACCCTCATCCCA  
 AGTCCAATGATCCGGAGATGCGCTGGAACAAGGGAACCATCCTGAAGGCATCTGTGATTATATCCGCAA  
 ATTACAGAAGGAACAGCAGCGCTCTAAAGACCTGGAGAGCCGGCAGCGGTCCCTGGAGCAAGCCAACCGA  
 AGCCTGCAGTCCGAATTCAGGAGCTGGAACACAGGCACAGATCCATGGTCTGCCGGTCCCTCCCAACC  
 CAGGACTGCTCTCCCTAGCCACCAGCTCGGTCTCTGACAGCCTCAAGCCGGAACAACCTGGACATTGAGGA  
 GGAGGGCAGGCCAAGCACAACAACATTTTATGTGTGAGGGGGCCTACCCAGAATGCTCTCCACAACAG  
 CCTCCGGCACCCTTCGGATACCCTTCTGGACCTGCACCTTCCAGCGACCACTTGGGGGACCTGGGGG  
 ACCCTTCCACCTAGGGCTAGAGGACATTTGATGGAGGAGGAGGGGATGGTGGGAGGACTGTCAGGGGG  
 TGCCCTGTCCCACTGCGGGCTGCTCCGACCCCTGCTTCTTTCAGTATCCCGGCTGTTTCCAAGTCG  
 AGCAGCCGGCGCAGCAGCTTTCAGCATGGAAGACGAGTCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001271227
- Insert Size:** 1722 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\\_001271227.1](#), [NP\\_001258156.1](#)

**RefSeq Size:** 3356 bp

**RefSeq ORF:** 1722 bp

**Locus ID:** 317376

**Cytogenetics:** Xq12