

## Product datasheet for **MC227706**

### Tead3 (NM\_001204156) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tead3 (NM\_001204156) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tead3  
**Synonyms:** DTEF-1; ETEF-; ETEF-1; Tcf13r; Tcf13r2; TEAD-; TEAD-3; TEF-5  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227706 representing NM\_001204156  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATAGCGTCCAACAGCTGGACCGCCAACAGCAGCCCCGGGGAGGCCCGGGAAGATGGGTCCGAAGGCCTGG  
 ACAAGGGTCTGGACAACGATGCGGAGGGAGTGTGGAGCCCGGACATCGAGCAGAGCTTTCAGGAGGCCCT  
 GGCCATCTACCCGCTTTCGGGACGGCGCAAGATCATCCTGTGAGGCAAGATGTACGGTCCGAAAT  
 GAGCTGATTGCCCGCTACATCAAGCTGAGGACTGGAAAAACCAGGACAAGAAAACAGGTGTCCAGCCACA  
 TACAGGTTCTAGCTCGGAAGAAGGTTTCGGGAATACCAGGTTGGCATTAAAGGCTATGAACCTGGACCAAGT  
 CTCCAAGGACAAAGCTCTCCAGAGCATGGCATCCATGTCGTCTGCCAAAATCGTCTCTGCCAGCGTTCTA  
 CAGAACAAGTTCAGCCCGCCCTCCCTCTACCCAGGCTGTCTTCTCCTCCTCAAGGTTCTGGAGCA  
 GCCCCCTCTGCTAGGACAACAGCCTGGACCTTCTCAGGACATCAAGCCCTTTCGCCAGCCTGCCTACCC  
 CATCCAGCCTCCCTTGCACACAGCGCTCAACAGTTATGAGTCCCTCGCCCGCTGCCCCAGCCGCTGCC  
 TCAGCCACCGCTCTGCGCTGCATGGCAGGACCGCACCATCGCTCCTCCCGGTACGCCCTCCTGGAGT  
 ATCTGCTTTCATGGAGGTGCAACGGGACCTGACACGTACAGCAAACACCTGTTGTACACATCGGCCA  
 GACAAACCCTGCCTTCTCAGACCCACCCCTGGAGGCAGTGGATGTACGACAGATCTACGACAAGTTCCCC  
 GAGAAGAAGGGGGGCTGAAGGAACTCTACGAGAAGGGGCCCGGAAACGCTTCTCCTTGTCAAGTCTT  
 GGGCTGACCTCAACAGCACAATCCAGGAAGGCCCTGGGCTTCTACGGGTGAGCTCGCAGTACAGCTC  
 AGCCGACAGCATGACCATCAGCGTCTCCACCAAGGTCTGCTCCTTCGGCAAGCAGGTGGTAGAGAAGGTG  
 GAGACCGAGTACGCCGCTGGAGAACGGCGCTTCGTGTACCGCATCCACCGCTCACCCATGTGCGAGT  
 ACATGATCAATTTATCCACAACTGAAGCATCTGCCGAGAAGTACATGATGAACAGTGTGCTGGAGAA  
 CTTACCATCCTGCAGGTGGTACAAGTCGGGACTCGCAGGAGACCTGCTGGTCATTGCTTTTGTCTTT  
 GAAGTCTCCACCAGCGAGCATGGGGCGCAGCACACGCTACAAGCTTGTCAAAGACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_001204156  |
| <b>Insert Size:</b>           | 1320 bp   |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>OTI Annotation:</b>        | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>   |
| <b>RefSeq:</b>                | <a href="#">NM_001204156.1</a> , <a href="#">NP_001191085.1</a>   |
| <b>RefSeq Size:</b>           | 2775 bp   |
| <b>RefSeq ORF:</b>            | 1320 bp   |
| <b>Locus ID:</b>              | 21678   |
| <b>UniProt ID:</b>            | <a href="#">P70210</a>  |
| <b>Cytogenetics:</b>          | 17 14.66 cM   |
| <b>Gene Summary:</b>          | <p>This gene product is a member of the transcriptional enhancer factor (TEF) family of transcription factors, which contain the TEA/ATTS DNA-binding domain. It is predominantly expressed in the placenta and thought to play a role in placental gene regulation and development. Alternative splicing, and alternate use of an upstream AUG translation initiation codon, and an in-frame downstream non-AUG (AUA) codon, results in 2 isoforms. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) has a different 5' terminal exon and initiates translation from an in-frame, downstream, non-AUG (AUA) start site, compared to variant 1. Variants 2 and 3 encode the same isoform (2), which is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p> |