

## Product datasheet for **MC216289**

### **Tead3 (NM\_001098226) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tead3 (NM_001098226) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tead3
Synonyms:	DTEF-1; ETFR-; ETFR-1; Tcf13r; Tcf13r2; TEAD-; TEAD-3; TEF-5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC216289 representing NM\_001098226  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCAACTCGGAGCCTCGCGCGCAGAGGCTCAGGCCATCCAGGGGGCTCAGGCCAGAGCCAAAGCAA  
 CCAGCACAAATAGCGTCCAACAGCTGGACCGCCAACAGCAGCCCGGGGAGGCCCGGAAGATGGGTCCGA  
 AGGCCTGGACAAGGGTCTGGACAACGATGCGGAGGGAGTGTGGAGCCCGACATCGAGCAGAGCTTCAG  
 GAGGCCCTGGCCATCTACCCGCCTTGGCGACGGCGCAAGATCATCCTGTCAGATGAGGGCAAGATGTACG  
 GTCGAAATGAGCTGATTGCCCGCTACATCAAGCTGAGGACTGGAAAAACCAGGACAAGAAAAAGGTGTC  
 CAGCCACATACAGGTTCTAGCTCGGAAGAAGGTTCCGGAATACCAGGTTGGCATTAAAGGCTATGAACCTG  
 GACCAAGTCTCCAAGGACAAAGCTCTCCAGAGCATGGCATCCATGTCGTCTGCCCAAATCGTCTCTGCCA  
 GCGTTCTACAGAACAAGTTCAGCCCGCCCTCCCCTCTACCCAGGCTGTCTTCTCCTCCTCTCAAGGTT  
 CTGGAGCAGCCCCCTCTGCTAGGACAACAGCCTGGACCTTCTCAGGACATCAAGCCCTTTGCCAGCCT  
 GCCTACCCCATCCAGCCTCCCTTGCCACCAGCGCTCAACAGTTATGAGTCCCTCGCCCCGCTGCCCCAG  
 CCGCTGCCTCAGCCACCGCCTCTGCGCCTGCATGGCAGGACCGCACCATCGCCTCCTCCCGGCTACGCCT  
 CCTGGAGTATTCTGCCTTCATGGAGGTGCAACGGGACCCTGACACGTACAGCAAACACCTGTTTGTACAC  
 ATCGGCCAGACAAACCCTGCCTTCTCAGACCCACCCTGGAGGCAGTGGATGTACGACAGATCTACGACA  
 AGTTCCCCGAGAAGAAGGGGGGCTGAAGGAACCTACGAGAAGGGGCCCGCAACGCTTCTTCTCCTTGT  
 CAAGTTCTGGGCTGACCTCAACAGCACAAATCCAGGAAGCCCTGGGGCTTCTACGGGTGAGCTCGCAG  
 TACAGCTCAGCCGACAGCATGACCATCAGCGTCTCCACCAAGGTCTGCTCCTTCGGAAGCAGGTGGTAG  
 AGAAGGTGGAGACCGAGTACGCCCGCTGGAGAACCGCCGCTTGTGTACCGCATCCACCCTCACCCAT  
 GTGCGAGTACATGATCAATTTTCATCCACAACTGAAGCATCTGCCCGAGAAGTACATGATGAACAGTGTG  
 CTGGAGAACTTACCATCCTGCAGGTGGTCACAAGTCGGGACTCGCAGGAGACCCTGCTGGTCAATTGCTT  
 TTGCTTTGAAGTCTCCACCAGCGAGCATGGGGCGCAGCACACGTCTACAAGCTGTCAAAGACT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja2343\\_h09.zip](https://cdn.origene.com/chromatograms/ja2343_h09.zip)

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001098226

**Insert Size:** 1398 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

<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>	<u>NM_001098226.2</u> , <u>NP_001091696.2</u>
<b>RefSeq Size:</b>	2452 bp
<b>RefSeq ORF:</b>	1398 bp
<b>Locus ID:</b>	21678
<b>UniProt ID:</b>	<u>P70210</u>
<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 (1) encodes the longer isoform (1). In variants 2 and 3, translation is initiated from an in-frame, downstream, non-AUG (AUA) start site, resulting in a shorter isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>