

Product datasheet for **SC308033**

TEAD4 (NM_201441) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TEAD4 (NM_201441) Human Untagged Clone
Tag: Tag Free
Symbol: TEAD4
Synonyms: EFTR-2; hrTEF-1B; RTEF1; TCF13L1; TEF-3; TEF3; TEFR-1
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_201441 edited
TTGGAGGGCAGGCCCGGCACCATTACCTCCAACGAGTGGAGCTCTCCACCTCCCCTGAG
GGGAGCACCGCCTCTGGGGCAGTCAGGCACTGGACAAGCCCATCGACAATGACGCAGAG
GGCGTGTGGAGCCGGATATTGAGCAGAGTTTCCAGGAGGCCCTCGCCATCTACCCGCC
TGTGGCAGGCGCAAAATCATCTGTGCGACGAGGCAAGATGTATGGTCGGAACGAGCTG
ATTGCCGCTACATCAAGCTCCGGACAGGGAAGACCCGCACCAGGAAGCAGGTCTCCAGC
CACATCCAGGTGCTGGCTCGTCCGAAAGCTCGCGAGATCCAGGCCAAGCTAAAGTTTTGG
CAAGGAGCTTTGCCAGGCCAAGCCGGAACGTCCCATGATGTGAAGCTTTCTCTCAGCAA
ACCTATGTGTCCAGCCTCCGCTGCCTCTGCCAGGTTTGAAGTCTCTGCAGGGCCCGCC
CCATCGCCCTCTGCGCCCGGCACCCCATGGCAGGGCCGAGCGTGGCCAGCTCCAAG
CTCTGGATGTTGGAGTTCTCTGCCTTCTGGAGCAGCAGCAGGACCCGGACACGTACAAC
AAGCACCTGTTTCGTGCACATTGGCCAGTCCAGCCCAAGCTACAGCGACCCCTACCTCGAA
GCCGTGGACATCCGCCAAATCTATGACAAATTCGCGGAGAAAAAGGGTGGACTCAAGGAT
CTCTTCGAACGGGGACCCTCCAATGCCTTTTTTCTTGTGAAGTCTGGGCAGACCTCAAC
ACCAACATCGAGGATGAAGGCAGCTCCTTCTATGGGGTCTCCAGCCAGTATGAGAGCCCC
GAGAACATGATCATCACCTGCTCCACGAAGGTCTGCTCTTTCCGCAAGCAGGTGGTGGAG
AAAGTTGAGACAGAGTATGCTCGCTATGAGAATGGACACTACTCTTACCGCATCCACCGG
TCCCCGCTCTGTGAGTACATGATCAACTTACCCACAAGCTCAAGCACCTCCCTGAGAAG
TACATGATGAACAGCGTGTGGAGAACTTACCATCCTGCAGGTGGTACCAACAGAGAC
ACACAGGAGACCTTGTGTGCATTGCCTATGTCTTTGAGGTGTCAGCCAGTGAACACGGG
GCTCAGCACCATCTACAGGCTGGTGAAGAATGA

Restriction Sites: Please inquire
ACCN: NM_201441
Insert Size: 1500 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_201441.1</u> , <u>NP_958849.1</u>
RefSeq Size:	1651 bp
RefSeq ORF:	1176 bp
Locus ID:	7004
UniProt ID:	<u>Q15561</u>
Cytogenetics:	12p13.33
Protein Families:	Transcription Factors
Gene Summary:	<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 preferentially expressed in the skeletal muscle, and binds to the M-CAT regulatory element found in promoters of muscle-specific genes to direct their gene expression. Alternatively spliced transcripts encoding distinct isoforms, some of which are translated through the use of a non-AUG (UUG) initiation codon, have been described for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) lacks an in-frame coding exon compared to variant 1, resulting in an isoform (2) that is missing an internal segment compared to isoform 1. It also initiates translation from a non-AUG (UUG) codon.</p>