

Product datasheet for **MG219506**

Tead4 (NM_011567) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tead4 (NM_011567) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tead4
Synonyms:	Etfr; ETFR-; ETFR-2; Etfr2; FR-19; Rtef; Rtef1; Tcf13r; Tcf13r1; TEAD-; TEAD-4; Tef; TEF-3; Tef3; Tefr; Tefr1; Tefr1a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG219506 representing NM_011567
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATTACCTCCAACGAGTGGAGCTCTCCGACTCCCCGAGGGGAGCAGCATCTCTGGGGCAGCCAGGCAC
 TGGACAAGCCCATCGACAATGATGCAGAGGGTGTATGGAGCCCCGAAATTGAGCGAAGCTTCCAGGAGGC
 CCTGGCCATCTACCCACCTGCGGCCGCCGCAAATTATCCTGACGGAGGAAGGCAAGATGTATGGTCGG
 AATGAGCTGATCGCACGCCATATCAAGCTCAGGACAGGGAAGACGCGCACAAGGAAGCAGGTCTCCAGCC
 ACATCCAGGTGCTTGCCCGTCGAAAAGCCGGGAGATCCAGGCCAACTCAAGGACCAGGCAGCTAAGAA
 CAAGGCCCTGCAGAGCATGGCTGCCATGTCGTCGACAGATCGTCTCGGCCACAGCCTTCCACAGTAAA
 ATGGCTCTTGCCCGGGCCCTGGCTACCGCAATCTCAGGGTTTGGCAAGGAGCTTTGCCAGGCCAAC
 CTGGAACATCCCAGATGTAAACCTTTCTCTCAAACACCTACCCTGTCCAGCCTCCGCTGCCTCTGCC
 AGGCTTTGAGTCTCCTGCAGGGCCACCCCTCACCTCCGACCGCTCGCTCCTCGTGGAAGGCCGC
 AGCATAGCTAGCTCCAAGCTCTGGATGTTGGAGTTCTCGGCTTTCCTGGAGCGCCAGCAAGATCCCAGCA
 CATAACAACACCTGTTTGTGCACATCAGCCAGTCAAGCCCAAGCTACAGTGACCCCTACCTCGAAAC
 TGTGGACATCCGCCAAATCTATGACAAGTTCCAGAGAAGAAGGGAGGCCTCAAGGAGCTATTTGAACGG
 GGGCCCTCTAATGCCTTCTTCTGTGAAGTTCTGGGCAGACCTCAATACCAACATCGATGACGAGGGCA
 GCGCCTTCTATGGGGTCTCCAGCCAGTACGAGAGCCCGGAGAACATGATTATCACCTGCTCTACGAAGGT
 CTGCTCATTTGGCAAGCAAGTGGTGGAGAAAGTTGAGACGGAGTATGCCCGCTATGAGAATGGCCACTAT
 TTGTACCGCATCCACCGTCCCCTCTCTGTGAGTACATGATCAACTTTATCCACAAGCTGAAACACTTAC
 CCGAGAAGTACATGATGAACAGTGTCTGGAGAACTTACCATCCTGCAGGTGGTACCAACCGAGACAC
 ACAGGAGACCTTGTGTATTGCATATGTCTTGAAGTTTCAGCCAGCGAGCATGGGGCTCAGCACCCAC
 ATCTACCGACTTGTGAAAGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG219506 representing NM_011567
 Red=Cloning site Green=Tags(s)

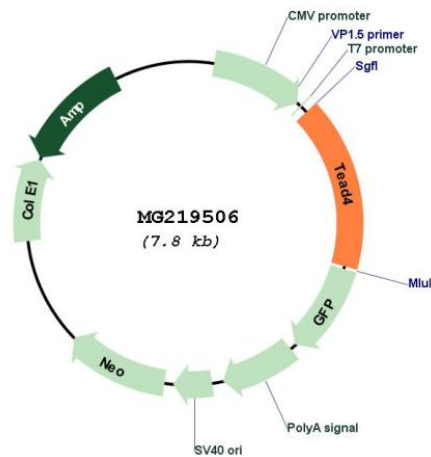
ITSNEWSSPDSPEGSSISGGSQALDKPIDNDAEGVWSPEIERSFQEALAIYPPCGRRKIILTEEGKMYGR
 NELIARHIKLRGKTRTRKQVSSHQVLARRKAREIQAKLKDQAAKNKALQSMAMSSAQIVSATAFHSK
 MALARGPGYPAISGFWQALPGQPGTSHDVKPFQNTYVPVQPPLPLPGFESPAGPTSPSAPLAPPWQGR
 SIASSKLWMLFSAFLERQQDPDTYNKHLFVHISQSSPSYSDPYLETVDIRQIYDKFPEKKGGLKELFER
 GPSNAFFLVKFWADLNTNIDDEGSAFYGVSSQYESPENMIITCSTKVCSFGKQVVEKQVETEYARYENGHY
 LYRIHRSPLCEYMINFIHKLKHLPEKYMNSVLENFTILQVVTNRDTQETLLCIAVYFEVSASEHGAQHH
 IYRLVKE

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_011567

ORF Size: 1281 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:	NM_011567.2 , NP_035697.3
RefSeq Size:	3076 bp
RefSeq ORF:	1284 bp
Locus ID:	21679
UniProt ID:	Q62296
Cytogenetics:	6 62.92 cM
Gene Summary:	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. This factor may play a role in the embryonic development of skeletal muscle. Alternatively spliced transcripts encoding distinct isoforms, which are translated through the use of a non-AUG (AUG) initiation codon, have been described for this gene. [provided by RefSeq, Jul 2008]