

Product datasheet for **MR217571**

Tead3 (NM_011566) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tead3 (NM_011566) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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ORF Nucleotide Sequence:

>MR217571 representing NM_011566
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATAGCGTCCAACAGCTGGACCGCCAACAGCAGCCCGGGGAGCCCGGGAAGATGGGTCCGAAGGCCTGG
 ACAAGGTCTGGACAACGATGCGGAGGGAGTGTGGAGCCCGGACATCGAGCAGAGCTTTCAGGAGGCCCT
 GGCCATCTACCCGCCTTTCGGACGGCGCAAGATCATCCTGTGAGATGAGGGCAAGATGTACGGTCCGAAAT
 GAGCTGATTGCCCGCTACATCAAGCTGAGGACTGGAAAAACCAGGACAAGAAAACAGGTGTCCAGCCACA
 TACAGGTTCTAGCTCGGAAGAAGGTTCCGGGAATACCAGGTTGGCATTAAAGGCTATGAACCTGGACCAAGT
 CTCCAAGGACAAAGCTCTCCAGAGCATGGCATCCATGTCGTCTGCCCAAATCGTCTCTGCCAGCGTTCTA
 CAGAACAAGTTCAGCCCGCCCTCCCTCTACCCAGGCTGTCTTCTCTCTCTCTCAAGGTTCTGGAGCA
 GCCCCCTCTGCTAGGACAACAGCCTGGACCTTCTCAGGACATCAAGCCCTTTGCCAGCCTGCCTACCC
 CATCCAGCCTCCCTTGCCACCAGCGCTCAACAGTTATGAGTCCCTCGCCCGCTGCCCCAGCCGCTGCC
 TCAGCCACCGCCTCTGCGCCTGCATGGCAGGACCGCACCATCGCCTCCTCCCGGTACGCCCTCTGGAGT
 ATTCTGCCTTTCATGGAGGTGCAACGGGACCTGACACGTACAGCAAAACACCTGTTTGTACACATCGGCCA
 GACAAACCCTGCCTTCTCAGACCCACCCCTGGAGGCAGTGGATGTACGACAGATCTACGACAAGTCCCC
 GAGAAGAAGGGGGGGCTGAAGGAACTCTACGAGAAGGGGGCCCCGAACGCTTTCTTCTTGTCAAGTTCT
 GGGCTGACCTCAACAGCACAATCCAGGAAGGCCCTGGGGCCTTCTACGGGGTCAAGTTCGACAGTACAGCTC
 AGCCGACAGCATGACCATCAGCGTCTCCACCAAGTCTGCTCCTCGGCAAGCAGTGGTAGAGAAGGTG
 GAGACCGAGTACGCCCGCTGGAGAACGGCCGCTTCGTGTACCGCATCCACCGCTCACCCATGTGCGAGT
 ACATGATCAATTTATCCACAACTGAAGCATCTGCCCGAGAAGTACATGATGAACAGTGTGCTGGAGAA
 CTTACCATCCTGCAGGTGGTCAACAAGTCGGGACTCGCAGGAGACCCTGCTGGTCAATTGCTTTTGTCTTT
 GAAGTCTCCACCAGCGAGCATGGGGCGCAGCACACGCTTACAAGCTTGTCAAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR217571 representing NM_011566
 Red=Cloning site Green=Tags(s)

IASNSWTANSSPGEAREDGSEGLDKGLDND AEGVWSPDIEQSFQEALAIYPPCGRRKIILSDEGKMYGRN
 ELIARYIKLRTGKTRTRKQVSSHQVLARKKVREYQVGIKAMNLDQVSKDKALQSMASMSAQIVSASVL
 QNKFSPSPLPQAVFSSSRFWSSPPLLGQQPGPSQDIKPFAPAYPIQPPLPALNSYESLAPLPPAAA
 SATASAPAWQDRTIASSRLRLL EYSAFMEVQRDPDTYSKHLFVHIGQTNPAFSDPPL EAVDVRQIYDKFP
 EKKGGLKELYEKPPNAFFLVKFWADLNSTIQEGPGAFYGVSSQYSSADSMTISVSTKVC SFGKQVVEKV
 ETEYARLENGRFVYRIHRSPMCEYMINFIHKLKHLPEKYMMSVLENFTILQVVT SRDSQETLLVIAFVF
 EVSTSEHGAQHVVYKLVKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_011566

ORF Size: 1317 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:

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_011566.4](#), [NP_035696.3](#)
RefSeq Size: 2612 bp

RefSeq ORF: 1320 bp

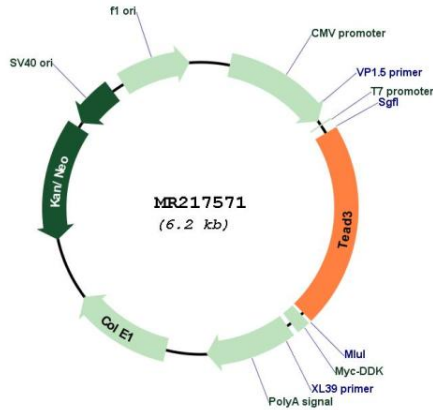
Locus ID: 21678

UniProt ID: [P70210](#)
Cytogenetics: 17 14.66 cM

MW: 49.4 kDa

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 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]

Product images:



Circular map for MR217571