

Product datasheet for **RR206767**

Tead3 (NM_001098216) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tead3 (NM_001098216) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tead3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR206767 representing NM_001098216 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATAGCGTCCAACAGCTGGACCGCCAACAACAGCCCCGGGGAGGCCCGGGAAGATGGGTCCGAGGGCCTGG
ATAAAGGGCTGGACAACGATGCCGAGGGAGTGTGGAGCCCAGACATCGAGCAGAGCTTTCAGGAGGCCCT
GGCCATCTACCCGCTTGTGGCCGGCGCAAGATCATCTGTGGATGAGGGCAAGATGTACGGTCCGAAAT
GAGCTGATTGCCCGATACATCAAGCTGAGGACTGGAAAAACCAGGACGAGAAAAACAGGTGCCAGCCACA
TACAGTTCTAGCTCGGAAGAAGTTTCGGGAATACCAGTTGGCATTAAAGCTATGAACCTGGACCAGT
CTCCAAGGACAAAAGCTCTCAGAGCATGGCATCTATGTCGTCTGCCAAAATCGTCTCTGCCAGCGTCTA
CAGAACAAGTTCAGCCCACCCTCCCTCTGCCCCAGGCTGTCTTCTCCACCTCAAGTTCTGGAGCAGCC
CCCCTCTGCTAGGACAACAGCCTGGACCGTCTCAGGACATCAAGCCCTTGCACAGCCTGCCTACCCCAT
CCAGCCTCCCCTGCCCAACACTCAATAGTTATGAGTCCCTGGCCCCGCTGCCCCAGCCGCTGCCACT
GCTGCCTCCGTGCCTGCCTGGCAGGACCGCACCATCGCTCCTCCCGCTACGCCTCTGGAGTATTCTG
CCTTCATGGAGGTGCAAAGGGACCCCGACAGTACAGCAAACACCTGTTGTACACATCGCCAGACAAA
CCCTGCCTTCTCAGACCCACCCCTGGAGGCAGTGGATGTTGCCAGATCTACGACAAGTCCCCGAGAAG
AAAGGGGGGCTGAAGGAGCTCTACGAGAAAGGGCCCCCAATGCCTTCTCCTTGTCAAGTCTGGGCTG
ACCTCAACAGCACAATCCAGGAAGGCCCTGGGGCCTTCTACGGGGTACAGTACAGTACAGCTCGGCCGA
CAGCATGACCATCAGTGTCTCCACCAAGGTGTGTTCTTCGGCAAGCAGGTGGTAGAGAAAGTAGAGACA
GAGTATGCCCGCCTGGAGAACGGCCGCTTGTGTACCGCATCCACCGCTCACCCATGTGCGAGTACATGA
TCAACTTCATCCACAAGCTGAAGCACCTGCCCGAGAAGTACATGATGAACAGCGTGTGGAGAACTTAC
CATCCTGCAGGTGGTACGAGTCGGGACTCGCAGGAGACCCTGCTGGTCATTGCTTTTGTCTTTGAAGTG
TCCACCAGTGAGCATGGGGCACAGCATCACGTCTACAAGTGTGAAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206767 representing NM_001098216
Red=Cloning site Green=Tags(s)

IASNSWTANNSPGEAREDGSEGLDKGLDNDAAEGVWSPDIEQSFQEALAIYPPCGRRKIILSDEGKMYGRN
 ELIARYIKLRTGKTRTRKQVSSHIQVLARKKVREYQVGIKAMNLDQVSKDKALQSMASMSAQIVSASVL
 QNKFSPSPLPQAVFSTSRFWSSPPLLQQPGPSQDIKPFAPAYPIQPPLPPTLNSYESLAPLPPAAAT
 AASVPAWQDRTIASSRLRLLLEYSAFMEVQRDPDTYSKHLFVHIGQTNPAFSDPPLLEAVDVRQIYDKFPEK
 KGGLKELYEKGPPNAFFLVKFWADLNSTIQEGPAFYGVSSQYSSADSMTISVSTKVCVCSFGKQVVEK VET
 EYARLENGRFVYRIHRSPMCEYMINFIHKLKHLPEKYMMSVLENFTILQVVTSRDSQETLLVIAFVFEV
 STSEHGAQHVVYKLVKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_001098216

ORF Size: 1311 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_001098216.1](#), [NP_001091686.1](#)

RefSeq Size: 2576 bp

RefSeq ORF: 1314 bp

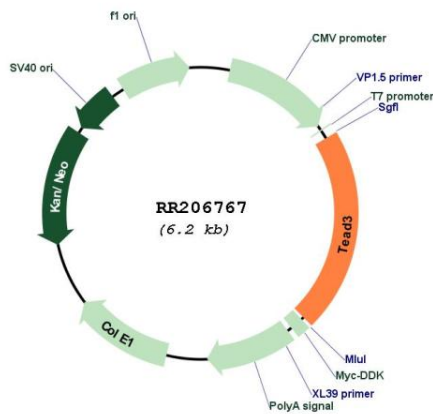
Locus ID: 294299

Cytogenetics: 20p12

MW: 48.8 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. Translation of this protein is initiated at a non-AUG (AUA) start codon. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RR206767