

Product datasheet for **RR206529**

Tead2 (NM_001107512) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tead2 (NM_001107512) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tead2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR206529 representing NM_001107512
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGGATCCCCGACTGGGGCCCCCTGGATGATGGCGGGGGTGGACAGGTAGTGAGGAAGGCAGCG
 AGGAGGGCACTGGAGGCAGTGAAGGTGTTGGAGGTGATGGGAGCCCCGATGCAGAAGGTGTGGAGCCC
 TGACATCGAGCAGAGTTTTTCAGGAGGCCCTGGCAATCTACCCTCCCTGTGGCCGTCGCAAGATCATCTTG
 TCAGATGAGGGCAAGATGTATGGCCGGAACGAACATCATCGCCCGTTACATCAAGCTGAGGACAGGGAAGA
 CCAGAACTCGAAAGCAGGTCTCTAGTCACATCCAGTTTTGGCTCGAAGGAAATCGAGAGAAATTCAGTC
 CAAGCTGAAGGACCAAGTCTCCAAGGACAAGGCCCTCCAGACGATGGCCACCATGTCTTCGGCACAGCTC
 ATCTCTGCACCTTCTCTCAGGCCAAGCTGGGTCTTCTGGCCCTCAGGCCACCGAGCTTTCCAGTTCT
 GGTGAGGGAGCTCTGGGCAACATGGAATGTTCCAGACGTGAAGCCCTTCTCACAAGCACGTTCTCCAT
 GTCAGTACGCCCCAGCCACTGACCTACCAGGTTACGAGCCGCCCCAGCCCTCTACCCCTACCCCA
 CCCGCCCATCTCCCCAGCCTGGCAGGCTCGGGCCCTGGGCACTGCGCGCTGCAGCTGGTAGAGTTCT
 CAGCGTTTGTGGAGCCGCAGATGCAGTTGACTCGTTCAGAGGCATCTGTTTGTCCACATCAGTCAGCA
 GTGCCCCAGCCCTGGAGCCCCACCCTGGAGAGTGTGGACGTGCGGCAGATCTACGACAAATTCCTGAG
 AAAAAGGGCGGTCTCCGGGAGCTGTATGACCGGGGCCACCACATGCCTTTTTCTGGTCAAGTTCTGGG
 CGGACCTGAACTGGGGCCAAAGTCCCGAGGAGGAGGGAACAGCGGAGGTGCTGGTGGCTTCTACGGAGT
 GAGCAGCCAGTACGAGAGCCGAGAGTCTATGACACTGACCTGCTCCTCCAAGGTCTGCTCCTTTGGCAAG
 CAAGTGGTGGAGAAGGTGGAGACAGAGCGGGCCAGCTGGAGGGCGGCGCTTTGTGTACCGCTGCTGC
 GCTCTCCATGTGTGAGTACCTGGTCAACTTCTGCACAAGCTCCGTGAGCTGCCTGAGCGCTACATGAT
 GAACAGCGTCTGGAGAACTTACCATCCTCCAGGTTGTGACAAATAGGGACACTCAGAACTGCTGCTG
 TGTACTGCCTACGTCTTTGAAGTCTCCACCAGTGAACGCGGAGCCAGCACCATCTACCGCTGGTCA
 GGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206529 representing NM_001107512
 Red=Cloning site Green=Tags(s)

MGDPRTGAPLDDGGGWTGSEEGSEEGTGGSEGVGGDGPDAEGVWSPDIEQSFQEALAIYPPGRRKIIL
 SDEGKMYGRNELIARYIKLRTGKTRTRKQVSSHQVLRARRKSREIQSKLKDQVSKDAFQTMATMSSAQL
 ISAPSLQAKLGPSPQATELQFWSGSSGPTWNVDPVKPFSQAPFSMSLTPPATDLPGYEPPPALSPLPP
 PAPSPPAWQARALGTARLQLVEFSAFVEPPDAVDSFQRHLFVHISQQCSPGAPPLESVDVVRQIYDKFPE
 KKGGLRELYDRGPPHAFLLVKFWADLNWGPSAEEAGNSGGAGGFYGVSSQYESRELMTLTCSKVCSEFGK
 QVVEKETERAQLGGRFVYRLLRSPMCEYLVNFLHKLRLQLPERYMMNSVLENFTILQVVTNRDTQELLL
 CTAYVFEVSTSERGAQHIIYRLVRD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001107512

ORF Size: 1335 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_001107512.1](#), [NP_001100982.1](#)

RefSeq Size: 2135 bp

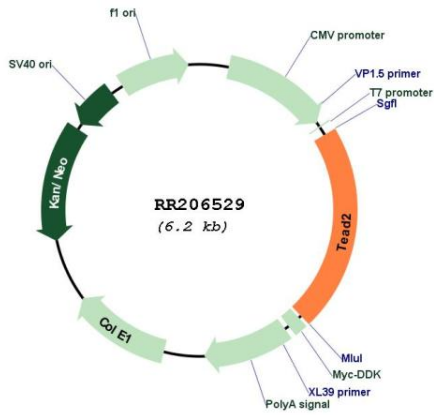
RefSeq ORF: 1338 bp

Locus ID: 308582

Cytogenetics: 1q22

MW: 49 kDa

Product images:



Circular map for RR206529