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# Product datasheet for SC209845

## TEA domain family member 2 (TEAD2) (NM_003598) Human 3' UTR Clone

### Product data:

| | |
|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | TEA domain family member 2 (TEAD2) (NM_003598) Human 3' UTR Clone |
| **Symbol:** | TEA domain family member 2 |
| **Synonyms:** | ETF; TEAD-2; TEF-4; TEF4 |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pMirTarget (PS100062) |
| **ACCN:** | NM_003598 |
| **Insert Size:** | 759 bp |

**Insert Sequence:**

>SC209845 3'UTR clone of NM_003598
The sequence shown below is from the reference sequence of NM_003598. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CATCACATTTACCGCCTGGTCAGGGACTGAAGGGGGACCCCAAAACTGGCTCACCCCCCAGAACACCCT
CCTCCCAGGGAGGGTCCTCCAGCTCACCTCATGCTTCTTATTTGGGGAGAGGGCTGTGATGTAAAGGGG
TTGACCTCAGAGGCCTAAGCAACTGGGGCCATCCCCCCCATTAGAGGGGCCCCCAAAACTTGGTTGGAG
AGCTGAACAGGCTGGGACTGAGGAAAGGATAAACCCCGATATTGGGACCTCACAGTGGGTGTCTGAAAG
GACAGATCACTCCGGAGTATCAGGGATTGTGGGGACAGGAGTGAGACAACCCCCCAGGTACAGCACTGG
CTTTTCTTTTCAGCCCCTGACAGGCCACCCCCACTCCTCTGCATGTCTTGGAGAGCGCTAGTTACACAT
TGGCTTGTCCCCTTTACTTTTTCCCAGCCACCCCTCCCCCTGAAATTTCTGCCCCTCTCTACCACCCTC
ACTCCATGACCTGTGAGATCACAAAGTGAAGATGAACCCTTTCTGTGCAGGAGCAGAGCCAGGTGGGCC
CTGGACATTTTTTTTTTTTTTAATATAACGAGATATTTATAAGTGGGTGCTAGGGTCTTGACTTTATCT
CCGCTGCACAAGCAGTGTGTTGAACTTTCTAATCTCATCCCTCTCCTAAGTGAGCCCTGAGCTAGACGG
TTTCCTTCCTCCCCTCTCAAAGTTTGTTTGTTTGTGTTCTGACAGAGGATAAAGCTATTTTACCAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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| | |
|---|---|
| **Components:** | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials. |
| **RefSeq:** | NM_003598.2 |
| **Summary:** | Transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Acts by mediating gene expression of YAP1 and WWTR1/TAZ, thereby regulating cell proliferation, migration and epithelial mesenchymal transition (EMT) induction. Binds to the SPH and GT-IIC 'enhansons' (5'-GTGGAATGT-3'). May be involved in the gene regulation of neural development. Binds to the M-CAT motif. [UniProtKB/Swiss-Prot Function] |
| **Locus ID:** | 8463 |
| **MW:** | 29 |