

## Product datasheet for **SC204348**

### **TTDN1 (MPLKIP) (NM\_138701) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	TTDN1 (MPLKIP) (NM_138701) Human 3' UTR Clone
Symbol:	TTDN1
Synonyms:	ABHS; C7orf11; ORF20; TTD4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_138701
Insert Size:	2000 bp



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**Insert Sequence:** >SC204348 3'UTR clone of NM\_138701  
 The sequence shown below is from the reference sequence of NM\_138701. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACAGGCAAAAAAGGAAGATACTTTTGTAAACATTTCTGAAATCAACTGGAAGCTTCATGTGCAGGAA
CATCTTGGACAAAACCTTTAAGTTGTGTTGATATAAATTTACCCAAGATGATGACTTTGATTGGATAAT
TAGTAAGTCTTTTTGTTATTTTTTCATCGTATCAGGTATTGTTGATATTAGAGAAAAAGTAGGATAAC
TTGCAACATTTAGCTCTGGAAGTACCTACCACATTTTAGAGATTTACCGTTTCCATATATTTAACATTC
CTGTTACATAATGGACATTTGTCTTTAATGTTTTTCAATGTTTTAAAATAAAACATTTTGTCTTCT
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TTCATAGGTAAATGTTTTGCAAATATTTTTGAAAATGAAATAGGTAAACCATCCTTTGAGCTGTAGAC
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AACTGGAAAAGGCAAGAATAGACCATGCATTGCTAAATCAAAGTGTCTATCTGAATTTCTCTATACCT
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ATTGCAAAAAGAATCTCTCATCTCCATCAATCCAAGAGAAGACAAATTTGCCATACTTAGATCATGT
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GCGCCTGGCTCATTTTTGTATTTGAATAGAGATGGGGTTTACCAGTGTGGCCAGGCTGGTCTCGATT
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GTGCCAGCCAGAACATGTATTTTTAGTATTTTTAGTATTTTTAGTTTACCATGTTGACCAGGCTGG
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CCACCATGCCCGCCAAAATCAGGTGTTTTAATGTAACACAGACTCTAGGCATTTTGAAGTTACAAA
ATACGAAGATAGAGCTAGTAAAACCTTTGTTTCAACATTTCCAGAAAGAAACGTGTAACAAAACAAATGG
TCACACCTCTATTTGAACCATACCCACAGAAATTTGTTCAATTAGGTATTTACAGAGACTAGAAAAATA
AGAATGGAAGGCTTTTAGATTAATAAAGCTCCATGAAAGCCAGGATTTTGGAAATGCTGTTTCTACAA
GTTACTAGCTGGATGAGTTCCTTCTATGCCTCAATTTTCTCATGTGTAAGATGAGAAAATTAATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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**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).

**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\\_138701.4](#)

**Summary:** The protein encoded by this gene localizes to the centrosome during mitosis and to the midbody during cytokinesis. The protein is phosphorylated by cyclin-dependent kinase 1 during mitosis and subsequently interacts with polo-like kinase 1. The protein is thought to function in regulating mitosis and cytokinesis. Mutations in this gene result in nonphotosensitive trichothiodystrophy. [provided by RefSeq, Nov 2009]

**Locus ID:** 136647

**MW:** 77.5