

## Product datasheet for **SC201332**

### Tuberin (TSC2) (NM\_001077183) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Tuberin (TSC2) (NM\_001077183) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** TSC2  
**Synonyms:** LAM; PPP1R160; TSC4  
**ACCN:** NM\_001077183  
**Insert Size:** 911 bp  
**Insert Sequence:** >SC201332 3'UTR clone of NM\_001077183  
The sequence shown below is from the reference sequence of NM\_001077183. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCGGTGGAGGACTTCACCGAGTTTGTGTGAGGCCGGGGCCCTCCCTCCTGCACTGGCCTTGGACGGTAT
TGCTGTCAAGTAAATAAATAAAGTCTGACCCAGTGCACAGACATAGAGGCACAGATTGCAGTCAGA
CAGCTCTTTTATTGACTTTGTCTGCTTGGTGGGGGGTGGGGGGTGTGAGGCTCTAGAAGCGGCCA
TGCCACAGAAGTGGTACACAGAAGCAGGCACAGCCAGCTCCGAGGGCCTTGAGGCTGCCTGGGCCATA
CAGCACACTCGCGCGTGCAGCGCGCACACACACACAGTCACCTTCTCCACCCTGGGAGCCA
GCCCCAGGAGGAGTCTTTTCTCTAACCACCCTGGGGTCTCTGACATGCCTAGTCTGCTACTTGCC
CAGACCTGATGCCAGCAGGCTGGGCGCTGCTCTTGTACCTGGCCTGGGGCAAGGGAGGATGACAA
GGCCTCTGGGGTATGAGAGTGCCTGGCAGACAGCTGTGCCCCAGCACCAGGCAAGGCAAGCTCGC
ATCCAAGCAGCAGCCGGGCTGCCATAACGCCACCACCTACCAAGCGCAGCAGGTGTTGGGGAGGCC
AGCTCTGGGCGCAGGCCCTCAGCCCTAGTAAAAATAGTACATACAAAAATATACATTTTAACACC
ATATAAATTAAGTACACGAGACACAGTGAAGCGGTGCAGGGAGTACGGTAGGAAGTGGAGAGGTAAT
AACTTAGGGGAGGGTGGCGGGTGCAGGCTAACCTCCCTGAAGCCAGCAGCCTAGCAGTGGGGGA
CATCTGCCAGGGGGTGGGGCCGGGCACAGCCGCTGTACCTGAGGACTCGGGGAAATAAATTAGCATC
TCAGAGGCTAGAAA
ACGCGTAAAGCGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001077183.3</a>
<b>Summary:</b>	Mutations in this gene lead to tuberous sclerosis complex. Its gene product is believed to be a tumor suppressor and is able to stimulate specific GTPases. The protein associates with hamartin in a cytosolic complex, possibly acting as a chaperone for hamartin. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	7249
<b>MW:</b>	33.2