

Product datasheet for **SC200877**

Tuberin (TSC2) (NM_001114382) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Tuberin (TSC2) (NM_001114382) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TSC2
Synonyms: LAM; PPP1R160; TSC4
ACCN: NM_001114382
Insert Size: 911 bp
Insert Sequence: >SC200877 3'UTR clone of NM_001114382
The sequence shown below is from the reference sequence of NM_001114382. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCGGTGGAGGACTTCACCGAGTTTGTGTAGGCCGGGGCCCTCCCTCCTGCACTGGCCTTGGACGGTAT
TGCTGTGAGTAAATAAATAAAGTCTGACCCAGTGCACAGACATAGAGGCACAGATTGCAGTCAGA
CAGCTCTTTTATTGACTTTGTCTGCTTGGTGGGGGGTGGGGGGTGTGAGGCTCTAGAAGCGGCCA
TGCCACAGAAGTGGTACACAGAAGCAGGCACAGCCAGCTCCGAGGGCCTTGAGGCTGCCTGGGCCATA
CAGCACACTCGCGCGTGCAGCGCGCACACACACACAGTCACCTTCTCCACCCTGGGAGCCA
GCCCCAGGAGGAGTCTTTCTCTAACCACCCTGGGGTCTCTGACATGCCTAGTCTGCTACTTGCC
CAGACCTGATGCCAGCAGGCTGGGCGCTGCTCTTGTACCTGGCCTGGGGCAAGGGAGGATGACAA
GGCCTCTGGGGTATGAGAGTGCCTGGCAGACAGCTGTGCCCCAGCACCAGCCCAAGGCCAAGCTCGC
ATCCAAGCAGCAGCCGGCTGCCATAACGCCACCACCTACCAAGCGCAGCAGGTGTTGGGGAGGCC
AGCTCTGGGCGCAGGCCCTCAGCCCTAGTAAAATAGTGACATACAAAAATATACATTTTAACACC
ATATAAATTAAGTACACGAGACACAGTGAAGCGGTGCAGGGAGTACGGTAGGAAGTGGAGAGGTAAT
AACTTAGGGGAGGGTGGCGGGTGCAGGCTAACCCCTCCTGAAGCCAGCAGCCTAGCAGTGGGGGA
CATCTGCCAGGGGGTGGGGCCGGGCACAGCCCTGTACCTGAGGACTCGGGGAAATAAATTAGCATC
TCAGAGGCTAGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



[View online »](#)

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:	<u>NM_001114382.3</u>
Summary:	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]
Locus ID:	7249
MW:	33.2