

Product datasheet for SC201333

Tuberin (TSC2) (NM_000548) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Tuberin (TSC2) (NM_000548) Human 3' UTR Clone
Symbol:	Tuberin
Synonyms:	LAM; PPP1R160; TSC4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000548
Insert Size:	911 bp
Insert Sequence:	>SC201333 3'UTR clone of NM_000548 The sequence shown below is from the reference sequence of NM_000548. 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
TCGGTGGAGGACTTCACCGAGTTTGTGTGAGGCCGGGGCCCTCCCTCCTGCACTGGCCTTGGACGGTAT
TGCCTGTCAGTAAAATAAATAAAGTCTGACCCAGTGACAGACATAGAGGCACAGATTGCAGTCAGA
CAGCTCTTTTATTGACTTTGTCTGCTTGGTGCGGGGGTGGGGGGTGTGAGGCTCTAGAAGCGGCCA
TGCCACAGAAGTGGTACACAGAAGCAGGCACAGCCAGCTCCGAGGGCCTTGAGGCTGCCTGGGCCATA
CAGCACACTCGCGCGTGCAGCGCGCACACACACACACAGTCACCTTCCTCCACCCTGGGAGCCA
GCCCCCAGGAGGAGTCTTTCTCTAACCACCCTGGGGTCTCTGACATGCCTAGTCTGCTACTTGCC
CAGACCTGATGCCAGCAGGCCTGGGCGTCTCTTTGCTACCTGGCCTGGGGCAAGGGAGGATGACAA
GGCCTCTGGGGTATGAGAGTGCCTGGCAGACAGCTGTGCCCCAGCACCAGGCCAAGGCCAAGCTCGC
ATCCAAGCAGCAGCCGGGCTGCCATAACGCCACCACACCTACCAAGCGCAGCAGGTGTTGGGGGAGGCC
AGCTCTGGGCGCAGGCCCTCAGCCCTAGTGAAAAATAGTGACATACAAAAATATACATTTTAAACACC
ATATAAATTAAGTACACGAGACACAGTGCAGGGTGCAGGGAGTACGGTAGGAACTGGAGAGGTAAT
AACTTAGGGGAGGGTGGCGCGGTGCAGGCTAACCCCTCCCTGAAGCCAGCAGCCTTAGCAGTGGGGGA
CATCTGCCCAGGGGTGGGGCCGGGCACAGCCCGTGTACCTGAGGACTCGGGGAAATAAATTAGCATC
TCAGAGGCTAGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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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:	<u>NM_000548.5</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