

## Product datasheet for **SC209320**

### TRIT1 (NM\_017646) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TRIT1 (NM_017646) Human 3' UTR Clone
Symbol:	TRIT1
Synonyms:	COXPD35; GRO1; hGRO1; IPPT; IPT; IPTase; MOD5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017646
Insert Size:	2000 bp



[View online »](#)

**Insert Sequence:** >SC209320 3'UTR clone of NM\_017646  
 The sequence shown below is from the reference sequence of NM\_017646. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATGATCAAGAGCTGAAATGCAGCGTTAAGAGACATGTCCAGTGGCCTTTGAAAAGGTGGTGGGATC
CAGTTCAGGAGGGAGGGGTATGTTTGTCTCCAGTCTGGGCAAAGGAGTGTATGCGGAATTCTCTGCA
TAGCAGAAAAGCTCCCACCATTTTCTTTTGTGTTTAAAGTCTCACGTTCTCTATAATAGAAAACA
GCAGGTCTTGTGAGTCTTGTGTGGTGTGTCTGGAAATGATGTAGTTCAGGAAAGCATTTTTTT
TTTTTTGAACCTTAAAGTTCTATTATAAAAGCAGCACAGATTCCACATTTTTATACATGAGGATCT
TCTTTGGTGAATACCAGGATTGACTGCATCCCTTTAAAGAAGTTTTATGTCCCTGACTCTGGCTAAA
ATTATCTAATTTCCAGATGCTTTTGTAGATGACTGAAGTATTTGTGAGCCACATATTTGGGAGTTCTAGA
TTTGAGTGAATGGCAGGAAAGGGCCATCTCCATTGAGATGATTAAGTGAACCAAAGTCTCAGAAAT
TCTACAGAGAAGGAGGGAATCAGACTGAGGAAGCTGTGACATAGGACTTGAAGACCAAAGACTTTGAAA
TTTGCGAGCTGCTCATGTGTGAGTTATTACACTGCTGCTTTCTATTGAGTTACAAATCTATATTTTT
ATTGAAGTTTAAATAAAGAAAAATTTACAAGAGCCTCTTTGATCCTTAAAAAGATATACAAGTCCATG
CCTAGTTTATACAGATAGCTCTGTTATCAATGTGATAGCTTTTTCTCAAATTTGACACTTTTTGTAG
ATCATGCTGTCTGTTCAATTTATGTAGCGGGTGTATTTAACACGTTATAGTCTTGAAGACATCTAGA
GAGGGTCTTTTATTGGAGATCTATTACTCCAATTGAAGCCCTCTTTCTGGAGTGACCTGAGCTGCCAG
CAATGTTAAACAGATACTTATTTATATAACATCAAATATAGCATTTTTAGGTATAATTCAGCAGCA
TTAACTACATTCACAATGTTGTGCAATCGTTGCCACTATTTCCAAAACGTTTTTGTCACTCCAAACAAA
CTTTGTGCCCTTTAAGCGTTAACTCCCCATTCAAATACATTTTTGTTTGTGAGAATCTACTCTATGAGA
GGCCCTGAATTAGGCTAAAGGGAATGCAGAGATGAGATGTGGTCTTGCCTTCAGGGAGCTTATAAATA
ATTGCATGTGTACACAAACCAATCCAGGCAAGACAGTATCAAAGGCCGTAAGAGCTGTGTAGAATTT
CAGTTTAGAAGGAAGGGAAGGGATCATGGAAGGAGGAGCATTCTGCTGCACCTTGAAGAACAATCTT
GATAAATGTTTTTCTATGCATATAAGACTTCATAGAGGAGAAGGTAGAGTAAAAAACTATCTAA
CTTGATTGACCTTTTTAACAGTGTGAATCCAGAGCCTCACCCACTTTTAACTGATTTGAATCTCAA
AAATAAATTTATCTCTGGCAAAGAAGTTTAACTACTTTAGGACCTAACAAGTGGGAAGCCACA
TCTCCCGGTGGGAGTGGAGATGACTTACTGTGAGCCAAGCAGTGCCAAGTCGTTTTATATGTTA
TCTTCTCACACAGCCCTGGGAGGAGATGCTGTTTCTTTGCTGTTAACCAGGGAGGAAACTAAGGCTC
AGCAATGGAGTACAGCTAGCAAGCGGTAGAGCTGGAATTGAGGTGAGGCTGGTAGACTCAAGCTATTAA
GCACTGTGTTAAGCTGGCAGTTTGTAGGGAAGAACCTTTAGTTTCTCTGAAATATTCTTCGTTCAAGTT
GCTAAGTATGTTTTAAAGCCTAAAAAGTTTTCAGTAGACAAGCAGGAAAAACTAGTTTTAATAATTGTA
CGTCAAAAAGCTTTTAACTCTCCATCTGAAATACCTGGAGCAGTAACTTCTCATTGAACTCATTGTT
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).

**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\\_017646.6](#)

**Summary:** This gene encodes a protein that is targeted to the mitochondrion and modifies transfer RNAs (tRNAs) by adding a dimethylallyl group onto the adenine at position 37. This modification is important for maintaining the correct reading frame during protein translation. This gene is considered a tumor suppressor and its expression can decrease cell growth. Alternative splicing results in multiple transcripts variants, most of which are likely non-functional. [provided by RefSeq, Aug 2015]

**Locus ID:** 54802

**MW:** 75.8