

Product datasheet for **SC210777**

TRNT1 (NM_182916) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	TRNT1
Synonyms:	CCA1; CGI-47; MtCCA; RPEM; SIFD
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_182916
Insert Size:	899 bp

Insert Sequence: >SC210777 3'UTR clone of NM_182916
The sequence shown below is from the reference sequence of NM_182916. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GAACTTCTGAGTTACATAAAGAAGACCTAAACTGATGGCTACTAAAAAGCAGAGCATTCTGGTAAGA
CTAAATTTCTCCCTCCCTCTTAATGAGGTTTTAGAGACTACACCAGAATAAAAGACAGTTAGGGGA
CCTCTGTAGAACAACAAGGGTCTTATTTGTGAATTATATTTCAAGAACTAACAGAGATCCACCTT
TCTGGATCTGATTATATCACTGAAATGTACAGTTCTTTTGGAAATAGTTTCACCTGAGAAAACATAGTT
GGCTATTATCTATCTTAACCTGTTCAAGGCTTTAAAAAAAAGTGTGTTTGCATAGGGTAGTACTAAGAT
CTTAAAAAGTGGTAACTGTCTTGAAGAAAAACGTTTATTGTTTGTGCAATTGAAATAACAGGGTTA
CCTTAACAATGACTGTCTATGATGTGTCAGTTCTTATCTGAATCCAAAATAAACCTGTGCTTAAAAA
GAAATAATTGACCAAGTAAGTTTGCATAAAATGTGAATACTAAATGTGTCCCGAGTTGCTGGCATTTCAT
ATGTACAGGATTTGTTCTAGCAAGCTATGCTTCAGTATGTGGTTGATATTTTCTGTCAATGATTTC
TTTATGCATGCAGAGCCTGGGGAAGTCATGGGATTAAGTTGAGGGTCACTATTGAGCCTATTAATTAAT
TATTGTTTTAATAAAACAAACATTGGTATTGGAAGATAAATATGTTTATGTGGTATCTGACAATGTGTA
TTAGGTGTCATATACAATGGTAATATGCCTGTCTTAAAGTGTATTTTATTAATTAAGGATATGGC
TATTATTATATATTCTCTAAAGATTGAGTCCTAAATGCTTTCATCAGGTAAATAAATGTATAATACA
AA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_182916.3</u>
Summary:	The protein encoded by this gene is a CCA-adding enzyme which belongs to the tRNA nucleotidyltransferase/poly(A) polymerase family. This essential enzyme functions by catalyzing the addition of the conserved nucleotide triplet CCA to the 3' terminus of tRNA molecules. Mutations in this gene result in sideroblastic anemia with B-cell immunodeficiency, periodic fevers, and developmental delay. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]
Locus ID:	51095
MW:	35