

## Product datasheet for **SC203744**

### NT5C (NM\_014595) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NT5C (NM\_014595) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NT5C  
**Synonyms:** cdN; DNT; dNT-1; DNT1; HEL74; P5N2; PN-I; PN-II; UMPH2  
**ACCN:** NM\_014595  
**Insert Size:** 290 bp  
**Insert Sequence:** >SC203744 3'UTR clone of NM\_014595

The sequence shown below is from the reference sequence of NM\_014595. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCAAGCGCGGAGCTGCGCAGCGGGAATGAGCGGGGATGCCGCGGCAGCAGCTGGAGCTAAAGGAAGG
GCAGGCCACAGGGGCCACCGCAGAGCGAGTCGGGGCGGCATCGTGCTGGTGCCTTGCCCGTGGGA
GTGGAGCAGGCAGATACCGTTAAGCGCTGTGCTACCGGGCCCCAGGCCACCCGGTACCTCCCGA
GAGGCTGTCCCTGGACCCTGGCTGGCATGGAAATACAGTGGGAAAACAGTCGGGACCTTTAATAAAG
ACCTTGCTTTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul

**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\\_014595.3](#)



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**Summary:** This gene encodes a nucleotidase that catalyzes the dephosphorylation of the 5' deoxyribonucleotides (dNTP) and 2'(3')-dNTP and ribonucleotides, but not 5' ribonucleotides. Of the different forms of nucleotidases characterized, this enzyme is unique in its preference for 5'-dNTP. It may be one of the enzymes involved in regulating the size of dNTP pools in cells. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2011]

**Locus ID:** 30833

**MW:** 10.1