

## Product datasheet for **SC207947**

### NT5C3 (NT5C3A) (NM\_001002010) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NT5C3 (NT5C3A) (NM\_001002010) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NT5C3A  
**Synonyms:** cN-III; hUMP1; NT5C3; P5'N-1; P5N-1; p36; PN-I; POMP; PSN1; UMPH; UMPH1  
**ACCN:** NM\_001002010  
**Insert Size:** 630 bp  
**Insert Sequence:** >SC207947 3'UTR clone of NM\_001002010  
The sequence shown below is from the reference sequence of NM\_001002010. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCAAGTCTATTTACAGAAGATTCTATAACAAGCATTCTCCAAGAAGACCTCTCTCTGTGGGTGCA
ATTGAACTGTTTCATCCGTTTCATCTTGCTGAGAGACTTATTATAATATATCCTTACTCTCGAAGTGTC
CCTTTGTATAACTGAAGTATTTTCAGATATGGTGAATGCATTGACTGGAAGCTCCTTTTCTCCACCTCT
CTCAACACACTCCTCACCGTATCTTTTAAACCCATTTAAAAAAAAAAAAAAAAAGCTAAAATTAGAAAAATAA
CTCCCTACTTTTCCAAAGTGAATTTTGTAGTTTAAATGTTATCATGCAGCTTTTGAGGAGTCTTTTACAC
TGGGAAAGTTTGTAGAAATTTTAAATAAGTTTATGAAATGGTAAATAATATGCATGATTTTAAAGTA
TTGCCATTTTGTAAATTTGGTTATTATGCTGATGGTATCACCATCTCTTGAATTTGTAGGTTTGG
TTATTTTGTCTGGGGAAAAAATTTACTGGAAAAGACTAGCAGTTAGTGTGGAAAAACCTGGTGGTG
TTTACAATGTTGCTAATCATTACAAAACATTCTATATTGAAGCACTGATAATAAATATGAAATGCAAAA
CCTTTTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-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.



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RefSeq: [NM\\_001002010.5](#)

**Summary:** This gene encodes a member of the 5'-nucleotidase family of enzymes that catalyze the dephosphorylation of nucleoside 5'-monophosphates. The encoded protein is the type 1 isozyme of pyrimidine 5' nucleotidase and catalyzes the dephosphorylation of pyrimidine 5' monophosphates. Mutations in this gene are a cause of hemolytic anemia due to uridine 5-prime monophosphate hydrolase deficiency. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and pseudogenes of this gene are located on the long arm of chromosomes 3 and 4. [provided by RefSeq, Mar 2012]

**Locus ID:** 51251

**MW:** 24.7