

## Product datasheet for **SC207337**

### **C1GALT1C1 (NM\_001011551) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** C1GALT1C1 (NM\_001011551) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** C1GALT1C1  
**Synonyms:** C1GALT2; C38H2-L1; COSMC; HSPC067; MST143; TNPS  
**ACCN:** NM\_001011551  
**Insert Size:** 566 bp  
**Insert Sequence:** >SC207337 3'UTR clone of NM\_001011551  
The sequence shown below is from the reference sequence of NM\_001011551. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTACCTCCAAATGGTTCTGACAATGACTGAGAAGTGGTAGAAAAGCGTGAATATGATCTTTGTATAGGA
CGTGTGTTGTCATTATTTGTAGTAGTAACATACATATCCAATACAGCTGTATGTTCTTTTTCTTTCTA
ATTTGGTGGCACTGGTATAACCACACATTAAGTCAAGTAGTACATTTTTAAATGAGGGTGGTTTTTTTC
TTTAAACACATGAACATTGTAATGTGTTGGAAGAAGTGTTTTAAAGAATAATAATTTGCAAATAAA
CTATTAATAAATATTATATGTGATAAATCTAAATTATGAACATTAGAAATCTGTGGGCACATATTTT
TGCTGATTGGTTAAAAAATTTAACAGGTCTTTAGCGTTCTAAGATATGCAAATGATATCTCTAGTTGT
GAATTTGTGATTAAGTAAACTTTTAGCTGTGTGTTCCCTTTACTTCTAATACTGATTTATGTTCTAA
GCCTCCCAAGTTCCAATGGATTGCCTTCTCAAATGTACAACCTAAGCAACTAAAGAAAATTAAGTG
AAAGTTGAAAAATA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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 µg 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\\_001011551.3](#)

**Summary:** This gene encodes a type II transmembrane protein that is similar to the core 1 beta1,3-galactosyltransferase 1, which catalyzes the synthesis of the core-1 structure, also known as Thomsen-Friedenreich antigen, on O-linked glycans. This gene product lacks the galactosyltransferase activity itself, but instead acts as a molecular chaperone required for the folding, stability and full activity of the core 1 beta1,3-galactosyltransferase 1. Mutations in this gene have been associated with Tn syndrome. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Dec 2009]

**Locus ID:** 29071

**MW:** 22.2