

## Product datasheet for **SC201242**

### GALT (NM\_000155) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** GALT (NM\_000155) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** GALT  
**ACCN:** NM\_000155  
**Insert Size:** 616 bp

**Insert Sequence:** >SC201242 3'UTR clone of NM\_000155  
The sequence shown below is from the reference sequence of NM\_000155. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGACAGGGGAGACAGCAACCATCGCCTGACCACGCCGACCACAGGGCCTTGAATCCTTTTTGTTTTT
AACAGTCTTGCTGAATTAAGCAGAAAGGGCCTTGAATCCTGGCCTGGAATTTGGGCAGATATAGCATT
ATAAACTGTGCATCTCAAACCTTTATCACATACTCTAATATCAGAGGAGTGTGAACCTTCAGAGATCT
AGGGTTAAAAGCTAAAGGCATAGCTCCAGCTACAACCTTTCTTTGTCTACAGATGTGAAAAATCTTGAT
GCAAAAATCTACCCAAATTTCTGAACAAAATTAATATTCAGTATTATATCTAGCCTATAGATTCTCTT
ACTCTTGGTGTAATGACAGCATTCCAGTTTAGGAACTGTTTTAAAATCTTGTGTCTTGGTTGTGGCT
GAGGCTTTGGGAAGGCCAGAGCCCTTTGCCACCACCCTAGGGTGTGAGTCCAGCCTGAGCCTGAGCCTGA
GGGTTTGTGAGGGGAGCGGGTGGAGCTGGATCCTGATCCAGTGGTCAAGTGGCCAGATCCTGGGCTGCTGG
CCAGAACCCTGGCTTTGTGAGTGGCTGCAGCTTGGCTCTGCTCCAGCCCACAGGGGCTAAAGGG
ACGCGTAAGCGGCCCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_000155.4](#)



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**Summary:**

Galactose-1-phosphate uridyl transferase (GALT) catalyzes the second step of the Leloir pathway of galactose metabolism, namely the conversion of UDP-glucose + galactose-1-phosphate to glucose-1-phosphate + UDP-galactose. The absence of this enzyme results in classic galactosemia in humans and can be fatal in the newborn period if lactose is not removed from the diet. The pathophysiology of galactosemia has not been clearly defined. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

**Locus ID:**

2592

**MW:**

23.1