

## Product datasheet for **SC208483**

### **FUCA1 (NM\_000147) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** FUCA1 (NM\_000147) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** FUCA1  
**Synonyms:** FUCA  
**ACCN:** NM\_000147  
**Insert Size:** 668 bp  
**Insert Sequence:** >SC208483 3'UTR clone of NM\_000147  
The sequence shown below is from the reference sequence of NM\_000147. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGGACTATAAAGCTGACAGGAGTGAAGTAAATCATTGAGTGAAGAAGAAGAGGCGCTGCTCACTGTT
TTCTGCTTCAGTTTTTCTCTTATAGTACCATCACTATAATCAACGAACCTCTCTTCCACCCAGAGA
TGGCTTTTCCAACACATTTTAAATTAAGGAAGTACAGTACATTACCCTGATGTCTAAATGGACCAAAGAT
CTGAGATCCATTGTGATTATATCTGTATCAGGTACGAGAAGAAGGAAGTGAAGTGAAGTCTGAGT
TCATCAATTGTAATTTGGAAATTATCTACAATGGAATCTTCCCTCTGTTCTCTGATAACCTACTTGC
TACTCAATGCCTTAAAGCCAAGTACCCTGTTGCCTATGGGAGGAGGTGAAGGATTTGGCAAGCTCA
ACCACATGCTATTTAGTTAGCATCAGTTGTACCAACAGTCTTTCTGCAAAGGGCAGGAGAGCTTTGGG
GGAAAGGAAAAGGCTTACCAGGCTGCTATGGTCAACTCTCAGAAATTTTTCAGAGCAATCTAAAAGCGC
CAAAATTCGCTATGTTTACAGTGATACTATTAAGAAAATGAATGTGATTCTGCTCTGTCTTTTAAAGTA
TGATCAAATAAAAAATTTGTACATCACAATCATTCTACCAAAAAA
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 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\\_000147.5](#)

**Summary:** The protein encoded by this gene is a lysosomal enzyme involved in the degradation of fucose-containing glycoproteins and glycolipids. Mutations in this gene are associated with fucosidosis (FUCA1D), which is an autosomal recessive lysosomal storage disease. A pseudogene of this locus is present on chr 2.[provided by RefSeq, Oct 2009]

**Locus ID:** 2517

**MW:** 25.6