

Product datasheet for **SC207345**

GBA (NM_001005741) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: GBA (NM_001005741) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: GBA
Synonyms: GBA1; GCB; GLUC
ACCN: NM_001005741
Insert Size: 573 bp
Insert Sequence: >SC207345 3'UTR clone of NM_001005741

The sequence shown below is from the reference sequence of NM_001005741. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATTCACACCTACCTGTGGCGTCGCCAGTGTGGAGCAGATACTCAAGGAGGCACTGGGCTCAGCCTGGG
CATTAAAGGGACAGAGTCAGCTCACACGCTGTCTGTGACTAAAGAGGGCACAGCAGGGCCAGTGTGAGC
TTACAGCGACGTAAGCCCAAGGGCAATGGTTTGGGTGACTCACTTCCCTCTAGGTGGTCCAGGGGC
TGGAGGCCCTAGAAAAAGATCAGTAAGCCCCAGTGTCCCCCAGCCCCATGCTTATGTGAACATGCG
CTGTGTGCTGCTTGTGGAACTGGGCTGGGTCCAGGCCTAGGGTGAGCTCACTGTCCGTACAAC
ACAAGATCAGGGCTGAGGGTAAGGAAAAGAAGAGACTAGGAAAGCTGGGCCAAAAGTGGAGACTGTTT
GTCTTTCTGGAGATGCAGAACTGGGCCGTGGAGCAGCAGTGTGAGCATCAGGGCGGAAGCCTTAAAG
CAGCAGCGGGTGTGCCAGGCACCCAGATGATTCTATGGCACCAGCCAGGAAAAATGGCAGCTCTTAA
AGGAGAAAATGTTTGAGCCCA
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.



[View online »](#)

RefSeq: [NM_001005741.3](#)

Summary: This gene encodes a lysosomal membrane protein that cleaves the beta-glucosidic linkage of glycosylceramide, an intermediate in glycolipid metabolism. Mutations in this gene cause Gaucher disease, a lysosomal storage disease characterized by an accumulation of glucocerebrosides. A related pseudogene is approximately 12 kb downstream of this gene on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2010]

Locus ID: 2629

MW: 21.7