

Product datasheet for **SC205887**

GLB1 (NM_000404) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: GLB1 (NM_000404) Human 3' UTR Clone
Symbol: GLB1
Synonyms: EBP; ELNR1; MPS4B
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_000404
Insert Size: 458 bp

Insert Sequence: >SC205887 3'UTR clone of NM_000404
 The sequence shown below is from the reference sequence of NM_000404. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACAAAGATTCATGGCTGGACCATGTATGATGATGAAAGCCTGTGTCTTTGAGGGATTCTACCCGTAAC
ATACCTCACAGATCCTCCCTGTCATGCCACATTTCACTGATTGGAATGTGGAAATGGAAAAGGAATTTA
GGATGTGCATTTTACCTGAGGTTTCCCTGCATCCCTGCAGTGCCAAAGCCCCACCTTCAGGGACCACC
TGAATGTGTGAGGGGCTGACAGCACAGTAACGTGCATACATATCTGCAGGGCTGGAATGGAAGCTTTA
AAGGTGGTAGTGATTTTTATTTTGAAGAATCATGTTACCTTTTTGTTAAATAAAATTTGTA
```

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.



RefSeq: [NM_000404.4](#)

Summary: This gene encodes a member of the glycosyl hydrolase 35 family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature lysosomal enzyme. This enzyme catalyzes the hydrolysis of a terminal beta-linked galactose residue from ganglioside substrates and other glycoconjugates. Mutations in this gene may result in GM1-gangliosidosis and Morquio B syndrome. [provided by RefSeq, Nov 2015]

Locus ID: 2720

MW: 17