

Product datasheet for **SC206299**

MGAT4B (NM_014275) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MGAT4B (NM_014275) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MGAT4B
Synonyms: GNT-IV; GNT-IVB
ACCN: NM_014275
Insert Size: 465 bp
Insert Sequence: >SC206299 3'UTR clone of NM_014275
The sequence shown below is from the reference sequence of NM_014275. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
AGCGAGATCTTCTGAAAAAGCCGACTTAAGCTGCGGGCTTCTGAGGGTACCCTGTGGCCAGCCCTGAA  
GCCACATTTCTGGGGTGTCTGACTGCGGTCCCGGAGGGCCAGATACGGCCCGCCAAAGGGTTC  
TGCTGGCGTCGGGCTTGGGCCGCTGGGGTCCGCCGCTGGCCCGAGGCCTAGGAGCTGGTGTCTGC  
CCCCGCCCGCGGCCGCGGAGGAGGCAGGCGGCCCCCACTGTGCCTGAGGCCGGAACCGTTTCGCA  
CCCGCCCTGCCAGTCAGGCCGTTTTAGAAAGCTTTTTACTTGGGCGCCCGCTCTCTGGCGCGAAC  
ACTGGAATGCATATACTACTTTATGTGCTGTGTTTTTTATTCTTGGATACATTTGATTTTTTACGTAA  
GTCCACATATACTTCTATAAGAGCGTGACTTGAATAAAGGGTTAATGAAG  
ACGCGTAAGCGCCCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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.

RefSeq: [NM_014275.5](#)



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Summary:

This gene encodes a key glycosyltransferase that regulates the formation of tri- and multiantennary branching structures in the Golgi apparatus. The encoded protein, in addition to the related isoenzyme A, catalyzes the transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc in a beta-1,4 linkage to the Man-alpha-1,3-Man-beta-1,4-GlcNAc arm of R-Man-alpha-1,6(GlcNAc-beta-1,2-Man-alpha-1,3)Man-beta-1,4-GlcNAc-beta-1,4-GlcNAc-beta-1-Asn. The encoded protein may play a role in regulating the availability of serum glycoproteins, oncogenesis, and differentiation. [provided by RefSeq, Jul 2008]

Locus ID:

11282

MW:

16.6