

Product datasheet for **SC212439**

MGAT1 (NM_001114617) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MGAT1 (NM_001114617) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MGAT1
Synonyms:	GLCNAC-TI; GLCT1; GLYT1; GNT-1; GNT-I; GnTI; MGAT
ACCN:	NM_001114617
Insert Size:	2000 bp



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Insert Sequence:

>SC212439 3'UTR clone of NM_001114617

The sequence shown below is from the reference sequence of NM_001114617. 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
TGGGAGGGCTATGATCCTAGCTGGAATAGCACCTGCCTGCCTTCTGGGCCCTCCTTGCCACATCA
TGAGCTGAGGTGGGACCAAGTCCCGAGCTGCATCGGCCTGCCTGTGTTTCCCTCTTAGGTGCATTTA
TCTTTTTGATTTTTCCGAGTGGCATTAAAGTGCACAAATGATAACAAGAGGATTATTCTCCCGTTCTCA
AGGGAGTCAGATCAGGGAACTATTCTAGGGTATGTTGCGGGGATTAAGCAGGAAACCACTGTGTGGT
GGGGGGCACTGGGCTTGTGGGGCCAGAAATGTCCACGCTCCTGAGCTTTCTCCTGGAGCATGTGCAGAG
AGTTTGGCAACGTTTCGCTCTCTTGACCAGACCCCTTCTCCCTGACCTGGCTTTCCAGCCAGGGCACGA
GCCCTCCTTCTATACCTGCTCCCTTCCCCAGTGGGGACTGAGTTATGGGAGAAGGGGACATATTTGT
GGCCAAAATGATACTAACCAAAGGGGCTCCTTGTGAGGGCCTGGTGGAGTTGGTGGGTCATCGGGGCT
CACTGCCTCCTGCCTTCTCTCCTGTCTGACCCCACTTAGCCCTTCTCTCCTTGACGCCTAGCAGTTT
ATAGTTCTGAGATGGAAGTTGAAGGGGCAAGCAAGACCTCTCCTCAGCCCATGCCAGCTGTCAGGA
GAGAGGTGCAGGGAGGAAGGCCTTGTGCTGGGACAACCTCTCTTGCCTTACCTCAGAGAGGGACTAT
GCCCTGACCCCTCCTTTCTGAAAATCAGTGCCTCCCTGTTGCTCTAGGAGGCTCCTGCTGGCTTGGTA
GAAGACAGAATTCGATCTGCCTGTCCCTTTTTCCCTGGGGTTTACACACAGGCTCCTCTCAGCATGA
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CGCTCCCAGGCGCCCATGTCTCACAGGCCAGGACGCCATGGCAGGATGGAGAGGACTTGGTGGATTT
TTGTTTTTGCCTGACCTCAGTTTCATGAAAGAAAGTGGAAAGTACAGAATATTTTCTAAAATAAAGG
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CACAAGGTGGAGAGGAGCCCGGACTGTGCTCCTGCTGATCGTCTGTAGAGCCAGGAGGCCGACAGCAG
GAAAGCTGGTGTGCTCCTGCTTCTGCCTCCTGCTGGTGGGAGGCCTGGTCTGGGGAAGAACCAG
GTCCTCTGATCAGGGTGGTCCCTGAGTGGTGTCTTGTGCCGGTGCCTCTGCTGGCCAGGCAGTGTCT
TATTGAGTGCCCTTATGACGTGCCGGGAGCCTCAGGGTACACAGCTGATACCAGGTTGGCCTCACA
GTGGCGCTTGGACTCCCAACCGCAACCCAGTGTGAGTGTCTTGTGCTAATACCCAGAACACAGACA
GACTGTTACCTCTGCATATCACGTGCAACATTCTGAGAGTTTCTGTTCTCCACTAATTCATTTAAAAGA
ACAAAACGCGGCCGGCGCAGTGGCTTACACATGTAATCCAGCACTTTGGGAGGCTGAGGCGGACGGA
TCACGAAGTCAGGAGTTCGGGACCATCCTGGCCAACATGGTGAACCTAAAAATACTCTACTAAAAATA
CAAAAACCTTGTGGGCATGGTGGCACACCTGTAATCCAGCTACTCAGGAAGCTGAGGCTGGAGAAT
CACTTGAACCCGGGAGGCAGAGGTTGCAGTAATCCAAGATCATACCACTGCCTCCAGCCTGGGCGAC
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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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_001114617.2](#)

Summary: There are believed to be over 100 different glycosyltransferases involved in the synthesis of protein-bound and lipid-bound oligosaccharides. UDP-N-acetylglucosamine:alpha-3-D-mannoside beta-1,2-N-acetylglucosaminyltransferase I is a medial-Golgi enzyme essential for the synthesis of hybrid and complex N-glycans. The protein, encoded by a single exon, shows typical features of a type II transmembrane protein. The protein is believed to be essential for normal embryogenesis. Several variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 4245

MW: 73.3