

Product datasheet for **SC212438**

MGAT1 (NM_001114618) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MGAT1 (NM_001114618) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MGAT1
Synonyms: GLCNAC-TI; GLCT1; GLYT1; GNT-1; GNT-I; GnTI; MGAT
ACCN: NM_001114618
Insert Size: 1134 bp
Insert Sequence: >SC212438 3'UTR clone of NM_001114618
 The sequence shown below is from the reference sequence of NM_001114618. 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
TGGGAGGGCTATGATCCTAGCTGGAATAGCACCTGCCTGTCTCTCTGGGCCCTCCTTGCCACATCA
TGAGCTGAGGTGGGACCACAGTCCCAGGCTGCATCGGCCTGCCTGTGTTTCCCTCTTAGGTGCATTTA
TCTTTTGTATTTTCCGAGTGGCATTAAAGTGCACAAATGATAACAAGAGGATTATTCTCCGTTCTCA
AGGGAGTCAGATCAGGGAACTATTCTAGGGTATGTTGCGGGGTTAAGCAGGAAACCACTGTGTGGT
GGGGGGCACTGGGCTTGTGGGGCCAGAAATGTCCACGTCCTGAGCTTTCTCTGGAGCATGTGCAGAG
AGTTTGGCAACGTTTCGCTCTCTTGACCAGACCCCTTCTCCCTGACCTGGCTCTTCCAGCCAGGGCACGA
GCCCTCCTTCTATACCTGCTCCCCTTCCCCAGTGGGACTGAGTTATGGGAGAAGGGGACATATTTGT
GGCCAAAATGATACTAACCAGGGGCTTCCCTGTGAGGGCCTGGTGGAGTTGGTGGGCATCGGGGCT
CACTGCCTCCTGCCCTTCTCCTGTCTGACCCCACTTAGCCCTTCTCCTTGACGCTAGCAGTTT
ATAGTTCTGAGATGGAAAGTTGAAGGGGCAAGCAAGACCTCTCCTCAGCCCATGCCAGCTGTCAGGA
GAGAGGTGCAGGGAGGAAGGCCTTGTGCTGGGACAACCTCTCTTGCCTTACCTCAGAGAGGGACTAT
GCCCTGACCCCTCCTTTCTGAAAATCAGTGCCCTCCCTGTTGCTCTAGGAGGCTCCTGCTGGCTTGTA
GAAGACAGAATTCGATCTGCCTGTCCCTTTTCCCTGGGGTTTGACACACAGGCTCCTCTCAGCATGA
GGTGGAGCAGTGACCAGGTGGAGCAGTGACCAGGACGCCCTCTGGCCAGTGCTGCCAGCCCTCCCGCC
CGCTCCCAGGGCGCCCATGTCTCACAGGCCAGGACGCCATGGCAGGATGGAGAGGACTTGGTGGATTT
TTGTTTCTGCTGACCTCAGTTTATGAAAGAAAGTGAAGCTACAGAATTATTTTCTAAAATAAAGG
CTGAATTGTCTGAAAAATAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	<u>NM_001114618.1</u>
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:	41.8