

## Product datasheet for **SC210799**

### MGAT2 (NM\_002408) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MGAT2 (NM_002408) Human 3' UTR Clone
Symbol:	MGAT2
Synonyms:	CDG2A; CDGS2; GLCNACTII; GNT-II; GNT2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002408
Insert Size:	899 bp
Insert Sequence:	>SC210799 3'UTR clone of NM_002408 The sequence shown below is from the reference sequence of NM_002408. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCTGTAAAAGTTATAGAAGACTGCAGTGAAAATCACAGTTACAAAAGCGACAGTCTTCTATTTTTGAT
ATTTGTCCAAACAGGACATACAATTGAATAAAAGAGTTTAGGAACTGGTTTCTGCTTTAATACAAAAAC
AAAATCTTGTAAGGTGTCCAATACATAGTAATCTTTCCAGTTATGTCTGATTAAGATTTAAAAC
GAAGGTTTCATTTGGGAGTAGGTTTTAAAGCTCAATCTGTTATCTGCTAAAATTGATTATTGTTGAT
ATGAGAGAAGAGGGGAAATTTATTTAAATTGCATTTATTAATCTTTTATCTGAACTTTGTACACTT
TTCCACTTTCAAAACCTATTTAAAGTACAGCAAAATTTATTTAAAACGTGCATAGCAGTAAAAGTATT
ACGATGAAATTGTTAGGGTATTAATGGAACAAACCCAGTTTCACTCTCTTGACACACTTATTAGGAAGG
GATTGCTTCACTGGTTTAATAATTTAAAAGTTATGTTTGTAAACACCCTGTCAGAACAGTCATTTTCA
GTATTAGATTCCTGTACTATTGTGTTTTGAGTGTGTTTTGGAACCTTCATAGAACACACTTTCTTTTGG
AATGTATTTGATTGATAAGAAAGTTTAAACATTGTTTTCACTCAATGTAGAAATACAGTGGTTTTGTT
TTTTTTTTCTTTAGTGCTGACAAAATAAAATACTCATTTTTGCATAAAAAGGTTCTAATCCTTTTG
CAGAATAAGTTTTGTTTACTCTTTATACAAAATTCAGTGAAGGCATTCTACAAGTTTGGAGTTAGCAT
TACATTTAATATTTACTATTGCTACATTGTATAATTGAGTTTGAATAAAACCCAGCTTATGACAATG
CA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACC GCCCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#"><u>NM_002408.4</u></a>
<b>Summary:</b>	The product of this gene is a Golgi enzyme catalyzing an essential step in the conversion of oligomannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-terminal catalytic domain. Mutations in this gene may lead to carbohydrate-deficient glycoprotein syndrome, type II. The coding region of this gene is intronless. Transcript variants with a spliced 5' UTR may exist, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	4247
<b>MW:</b>	35.4