

## MGAT2-mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase Gene

Reference: PTXBC006390

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | CDG2A; CDGS2; GLCNACTII; GNT-II; GNT2; alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase; Beta-1,2-N-acetylglucosaminyltransferase II; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase II; UDP-N-acetylglucosamine |                     |                |

**For research use only.**

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase                       |
| <b>GENE ID</b>          | 4247                                                                                              |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC006390                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | MGAT2                                                                                             |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                    |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

### ORF (Only for reference, product provided without STOP codon )

atgagggttcgcatcacaacggaaggtgctaatctgacgtcgtggtggccgctggtgctcctctggagcagcaatggcgacaaggaagaaacgagggccctcgcccccacgttgctggacgcccgaaccgcgcggggtgcccggcggccggtggggaccaccctctgtggtgctgggcatccgagggtctccaacgtgtcggcggttccctggtggtccggcggtcccccagccggaggggacaacctgacgtcggtgacgggtccctggtgtaccagctgaacttgcacagacctgagggaatgagataaggctggcactggggcccccggggagctgggtgctggtggtccagggtgcataaccggcccgaatacctcagactcgtgctggactcacttgcgaaagccagggaaatgacaacgtcctcgtcactttagccatgacttctggtcgacgagatcaatcagctgacgcgggggtgaattctgtccggttctgcagggtgttcttctcttcagcatlcagttgtaccctaaccaggtttccaggtagtgacctagagattgtccagagacctgccgaagaatgccgtttgaaattgggtgcatcaatgctgagatccgacgtccgtcgccattatagagagccaaattctccagaccaaacatcactggtgtggagctgcattttgtgtgggaaagagtgaataattcttcgagattatgctggccttatacttttctagaagagatcactactagcccagacttttaccatgtcttcaaaaagatgtggaaactgaagcagcaagagtgcccgaatgtgatgttctctcctctgggacattatgtccagtcgcagtttctatggcatggctgacaaggtagatgtgaaaacttggaaatccacagagcacaatatgggtctagccttgacccggaatgcctatcagaagctgacgtgacagacacttctgtactatgatgattataactgggactggactcttcaactgactgtatctgtcttccaaattctgaaagtgctggctcctcaaatcctaggatcttctgctggagactgtggtatgcatcacaagaaacctgtagaccatccactcagagtgcccaattgagtcacttcaataataacaacaatacatgtttccagaactctaactatcagtgaaaagttaactgtgtgtagccatttcccacctagaaaaaatgga