

Product datasheet for RN215072

Mgat2 (NM_053604) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Mgat2 (NM_053604) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Mgat2 |
| Synonyms: | Gnt2 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| Fully Sequenced ORF: | >RN215072 representing NM_053604 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGTTCCGCATCTACAAACGGAAGGTGCTAATCCTGACGCTCGTGGTGGCCGCTCGGGCTTCGTCC
TCTGGAGTAGCAATGGGCGACAAAGGAAGAACGACGCCCTTGCCCGCCGCTGCTGGACTCGGAGCCCT
ACGGGGTGGGGCCATTTCCGCCGTCCTAGGCATCCGCAGGGTTTCTAACGACTCGGCCGCTCCTCTG
GTTCCCGCGTCCCGCGCCGGAGGTGGACAACCTAACGCTGCGGTACCGGTCCCTAGTGTACCAGTTGA
ACTTTGATCAGATGCTGAGGAATGTCGATAAAGACGGCACCTGGAGTCCGGGGGAGCTGGTGTGGTGGT
CCAAGTGCATAACAGGCCGGAATACCTCAGGCTGCTGATAGACTCGCTTCGAAAAGCCAGGGTATTTCG
GAAGTCTAGTCATCTTTAGCCATGACTTCTGGTCGGCAGAGATCAACAGTCTGATCTCTAGTGTGGACT
TCTGTCCGTTCTGCAAGTGTCTTTCCGTTCCAGTTCAGCTGTACCCGAGTGAAGTTCCGGGTAGTGA
TCCCAGAGATTGCCCCAGAGACCTGAAGAAGAATGCAGCTCTCAAGTTGGGGTGCATCAATGCCAATAC
CCAGACTCCTTCGGCCATTACAGAGAGGCCAAATTCGCAAACCAAACATCACTGGTGGTGAAGCTGC
ATTTTGTATGGGAAAGAGTCAAAGTCTTCAAGATTACACTGGCCTTATACTTTTCTGGAAGAGACCA
CTACTTAGCCCCAGACTTTTACCATGTCTTCAAAAAGATGTGAAATTGAAGCAGCAGGAGTGTCCCTGGG
TGTGACGTCCTCTCTAGGGACCTACACCACCTTCGGAGTTTCTATGGTATTGCTGACAAAGTAGATG
TGAAAACCTGGAAATCGACAGAGACAATATGGGGCTAGCCTTGACCCGAGATGCATATCAGAAGCTTAT
CGAGTGCACGGACACTTTCTGTACTTACGATGATTATAACTGGGACTGGACTCTTCAATATTTGACTCTA
GCTTGTCTTCTAAAGTCTGAAAGTCTTAGTTCCTCAAGCTCCTAGGATTTTTCATGCTGGAGACTGTG
GTATGCATCACAAGAAAACATGTAGGCCATCCACCAGAGTGCCCAAATGAGTCATTATTAATAATAA
TAAACAGTACCTGTTCCAGAACTCTAGTTATCGGTGAGAAGTTTCTATGGCAGCCATTTCCCCACCT
AGGAAAAATGGAGGGTGGGGAGATATTAGGGACATGAACCTCTGTAAAAGTTATAGAAGACTGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------------------|---|
| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_053604 |
| Insert Size: | 1329 bp |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP). |
| Components: | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). |
| Reconstitution Method: | <ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. |
| RefSeq: | NM_053604.2 , NP_446056.1 |
| RefSeq Size: | 2510 bp |
| RefSeq ORF: | 1329 bp |
| Locus ID: | 94273 |
| UniProt ID: | Q09326 |
| Cytogenetics: | 6q24 |
| Gene Summary: | enzyme that catalyzes an essential step in the biosynthetic pathway leading from high mannose to complex N-linked oligosaccharides [RGD, Feb 2006] |