

Product datasheet for **MC217721**

Mgat3 (NM_010795) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mgat3 (NM_010795) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mgat3
Synonyms:	1110038J12Rik; AI848272; GnT-III
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217721 representing NM_010795
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGATGAGACGCTACAAGCTCTTTCTCATGTTCTGTATGGCTGGCCTGTGCCTCATATCCTTCCTGC
 ACTTCTTTAAGACCTTATCCTATGTACCTTCCGAGAGAACTGGCCTCCCTCAGCCCTAACCTCGTATC
 CAGCTTCTTCTGGAACAATGCCCTGTCACTCCCCAGGCCAGTCCGGAGCCGGTGGCCCCGACCTATTG
 CGGACACCCCTCTACTCCACTCTCCCCTGCTCCAGCCACTGTCCCCGAGCAAGGCCACAGAGGAACTGC
 ACCGGGTGGACTTCGTGTGCCGGAGGACACCACGGAGTATTTGTGCGCACAAAGCTGGTGGTGTGTG
 CTTCAAACCAGGTACCAGGATGCTGGAGAACTTCGCCAGGGCGGACAGAGGAGAAGCCCGAAGTGTCT
 GAGGGCTCCTCAGCCCGGGACCTGCTCGGAGGCCATGAGGCACGTGTTGAGTACGCGGGAGCGCCTGG
 GCAGCCGGGGCACTAGGCGCAAGTGGTGTGAGTGTGTGCTGCCAGGCTGGCACGGGCCAGTTGCGG
 GGTGCCACGGTGGTGCAGTATCCAACCTGCCACCAAGGAACGCCTGGTACCCAGGGAGTACCAGG
 CGGGTTATCAACGCCATCAACATCAACCACGAGTTCGACCTGCTGGATGTGCGTTTCCATGAGCTGGGAG
 ATGTTGTGGACGCCTTCGTGGTCTGTGAATCTAATTTACCGCCTACGGGGAGCCTCGGCCGCTCAAGT
 CCGAGAGATGCTGACCAATGGCACCTTCGAGTACATCCGCCACAAGGTGCTCTATGTCTTCTGGACCAT
 TTCCCACCTGGTGGCCGTGAGGACGGCTGGATTGCGGATGACTACCTGCGCACCTTCTCACCCAGGATG
 GCGTCTCCCGCTGCGCAACCTGCGGCCGATGACGTCTTTATCATCGACGATGCGGACGAGATCCCTGC
 GCGTGTGGTGTGCTGTTCTCAAACCTACGATGGCTGGACAGAGCCCTTCGCCTTCCACATGCGGAAG
 TCCCTGTATGGTTTCTTCTGGAAGCAGCCGGGCACACTGGAGTGGTGTGACAGGCTGCACCATGGACATGC
 TGAGGCCGTGTATGGGCTGGATGGCATCCGCCTGCGCCGCCAGTACTACCCATGCCCAACTCCG
 GCAGTATGAGAACCACCGGCCACATCCTAGTGCAGTGGTCTCTCGGCAGCCCCCTGACTTCGCGGGC
 TGGCATTGCTCCTGGTGTCTCACACCCGAGGCATCTACTTTAAACTCGTGTGAGCCAGAAATGGCGACT
 TCCCCGCTGGGGTACTATGAGGACAAGAGGGACCTCAATTACATCCGCAGTTGATCCGCACTGGGGG
 ATGGTTCGACGGAACGCAGCAGGAGTACCCTCCTGCGGACCCAGTGAGCACATGTATGCTCCTAAATAC
 CTGCTCAAGAATATGACCAGTTCGCTACTTGTGAAAATCCCTACCGGGAGCCCAAGAGCACTGAAG
 AGGGTGGCGCCGAACAGGGCTCAGATGGAAGCCATCTGCTGTCAGGGGCAAGTTGGATACAGTGA
 GGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_010795
- Insert Size:** 1617 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:

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_010795.4](#), [NP_034925.2](#)

RefSeq Size: 4682 bp

RefSeq ORF: 1617 bp

Locus ID: 17309

Cytogenetics: 15 37.85 cM