

Product datasheet for MC207462

B3galt1 (NM_020283) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: B3galt1 (NM_020283) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: B3galt1
 Synonyms: beta3Gal-T1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC207462 representing NM_020283
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCTTCAAAGGTCTCCTGCCTCTATGTATTGACCGTTGTGTGCTGGCCAGCGCTCTCTGGTACTTGA
 GCATAACCAGACCTACTTCATCCTACACTGGCTCCAAGCCGTTACGTACCTAACAGTTGCCAGGAAAAA
 CTTACCTTTGGCAACATAAGAACTCGACCTATAAACCCACATCTTTTGAATTTCTGATAAATGAGCCC
 AACAAAGTGGGAGAAAAACATTCCTTTTCTCGTGATCCTCATTAGCACACACACAAGGAATTTGATGCC
 GCCAGGCAATCCGGGAGACATGGGGGATGAAAACAACCTCAAAGGGATCAAGATAGCCACACTTTTCT
 CCTGGGCAAAAATGCTGATCCTGTTCTGAACCAGATGGTGGAGCAAGAGAGCCAGATCTTCCATGACATC
 ATCGTGGAGGACTTCATTGACTCCTACCACAATCTCACCTCAAAACCTTAATGGGGATGAGATGGGTTG
 CCACTTTCTGTTCAAAGCCAAGTACGTCATGAAAACCGACAGTGACATTTTGTGAACATGGACAACT
 TATTTATAAACTCCTGAAACCTCTACCAAGCCAAGAAGAAGGATTTTCACTGGTTACGTCATCAACGGC
 GGGCAATCAGGGATGTCCGAGTAAGTGGTATATGCCTAGAGATTTGTACCCTGACAGCAACTACCCAC
 CGTTCTGTTCAAGGACTGGCTATATCTTTCCGCTGATGTGGCTGAACTATTACAAGACCTCGCTCCA
 CACCAGGCTGTTTCATCTTGAAGATGTGTACGTGGGACTGTGTCTCGAAAGCTTGGCATCCATCCTTTC
 CAGAATAGTGGCTTCAATCACTGAAAAATGGCCTACAGTTTGTGTGGTACCGCCGCTCATCACTGTCC
 ACCAGATCTCTCCAGAAGAAATGCACAGAATCTGGAATGACATGTCAAGCAAGAAGCATCTGAGATGTTA
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_020283



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Insert Size:	981 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_020283.4 , NP_064679.2
RefSeq Size:	5222 bp
RefSeq ORF:	981 bp
Locus ID:	26877
UniProt ID:	O54904
Cytogenetics:	2 C1.3
Gene Summary:	Beta-1,3-galactosyltransferase that transfers galactose from UDP-alpha-D-galactose to substrates with a terminal beta-N-acetylglucosamine (beta-GlcNAc) residue. Involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins.[UniProtKB/Swiss-Prot Function]