

Product datasheet for **MC202786**

B3galt6 (NM_080445) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: B3galt6 (NM_080445) Mouse Untagged Clone
Tag: Tag Free
Symbol: B3galt6
Synonyms: BB129894; GalTII
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC082998 sequence for NM_080445
 GCCCGCAGCATGAAGGTATTCGGCGCGCTTGGCGGCACCGGGTGGCGCTGGGCCTAGGCGGCCTGGCGT
 TCTGCGGCACCACTCTGTTGTACTGGCGCGCTGCGCTTCCGAGGGCAGACGCCCTCCGCTTCCGAGC
 CGCTCGGCCCGCGCTAAGGCCTTCTGGCGGTGCTGGTGGCCAGTGCGCCCCGCGCGGTGAGCGCCGC
 ACCGCAGTGCGCAGCACGTGGCTGGCACCGGAGAGGCGTGGCGGACCCGAGGACGTGTGGCGCGCTTCG
 CCGTGGGCACTGGCGGCTTAGGCTCGGAGGAGCGCGCTCTTGAGCTCGAGCAGGCGCAGCACGGGA
 CCTACTGCTGCTGCCGCCCTGCGCGACGCTACGAGAACCTCACGGCCAAGGTCTGGCCATGCTGACC
 TGGCTGGATGAGCGCGTGGACTTCGAGTTCGTGCTCAAGGCGGACGACGACTCCTTTGCGCGCTGGACG
 CTATCCTGGTGGACCTACGCGCACGGGAGCCCGCACGCCCGCGCCTCTACTGGGGCTTCTTTCCGG
 GCGCGGGCGCGTCAAGCCGGGAGGTCGCTGGCGAGAAGCAGCCTGGCAACTCTGCGACTACTACCTGCC
 TACGCGCTGGGCGGTGGCTATGTCCTTTCTGCGGACCTGGTGCATTACCTGCGCCTCAGCCGCAATACC
 TGC CGCGTGGCACAGTGAAGACGTATCGCTGGGCACCTGGCTGGCACCAGTGGATGTGCAACGGGAGCA
 TGACCCACGCTTCGACACGGAGTACAAATCTCGAGGCTGCAACAATCAGTATCTGGTGACACACAAGCAA
 AGCCCAGAGGACATGTTGGAGAAGCAACAGATGTTGCTGCATGAGGGCCGTTGTGCAAGCATGAGGTGC
 AGTTGCGCCTTTCCTATGTCTATGACTGGTCAGCTCCACCCTCCCAGTGTGCCAGCGCAAGGAGGGCGT
 TCCCTGATGCTACTGCAGGTGCTGGGGTCTCTCCTGACACAGGCCAAGCATCCTGAACAATCTGATAAAT
 GATCTGGGCTGAGCTTGGTTTATCCAGTTGCTGTTGAGACCTGGGACTGATGGCCAGAGACAGCTAACA
 ATGCTAGTCCACTGAGCGCGCTCAGTATTAGTGGTCTGGTGTAAAGCCCTACCAAGGGCATCTAGTTAT
 GAATTGTGGAGATTACATCAGAGCGCGTGGCACGCGCACACACACATGCACACACACTGACCTTGTA
 ACGCCACCTATCAGCCATCTGGAGTGTGAGGGAAGGGCCTCCTCACTTGATGAGTTTAGAGTGCCCTCAT
 TCTGCAAACCTCTGCAGCTCACTGCCATCTTGATTGTTCTGCACAGCCTCACCTGCAGACTGTGTTGAAT
 TCATCTCAAAATGTTACTTGTCAAAGTTGCTTTGATTGTTTCAGACAGAGTTCCATTCTGTTGTCTC
 CCGTTTTTATCTTTTGTGTCATGGACAAGTATGAGGTTTGACTTGATTTTCAAGTCAACTAGGTTAGAATTT
 TTGCTCAGTGGATAGAGGTTGATAAATAAATGCAGTTTGTCTAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_080445
Insert Size:	978 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:	BC082998 , AAH82998
RefSeq Size:	1599 bp
RefSeq ORF:	978 bp
Locus ID:	117592
UniProt ID:	Q91Z92
Cytogenetics:	4 E2
Gene Summary:	Beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-linked galactose residue. Has a preference for galactose-beta-1,4-xylose that is found in the linker region of glycosaminoglycans, such as heparan sulfate and chondroitin sulfate. Has no activity towards substrates with terminal glucosamine or galactosamine residues (By similarity).[UniProtKB/Swiss-Prot Function]