

Product datasheet for **RN201013**

B4galt3 (NM_001009539) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: B4galt3 (NM_001009539) Rat Untagged Clone
Tag: Tag Free
Symbol: B4galt3
Synonyms: MGC72586
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201013 representing NM_001009539
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTGCGGAGGCTGCTGGAGAGGCCCTGCACACTGGCCCTGCTTGTGGGCTCCCACTGGCAGTTATGA
TGTATCTGTCACTAGGGGCTTCCGAAGCTTAGTGCCCTGTTTGGTCGAGATCCAGGCCAACATTCGA
CTATTCTCATCCCATGATGTCTATAGTAACCTCAGTCACCTGCCTGGAGCCCTGGAGCTGCAGGGCT
CCTCTAGCTCAAGTTCTGCCTGACTGTCCAGAAAGATCGCTTTCTTAGTGGGTCCTGTGTCAGTACCT
TTAGCCAGTGCCATCACTAGCAGAGATCGTGGAGCGGAATCCCCGGGTGGAATCAGGGGCGCGTACCG
TCCTGCAGGATGTGAGCCTCGCTCCCGAACAGCCATAATTGTGCCCCACCGTGCCGGGAGCACCACCTC
CGACTGCTACTCTATCACCTGCACCCCTTCTGCAGCGCCAGCAGCTTGCTTATGGCATCTATGTCATCC
ACCAGGCTGAAATGGAACGTTTAAACAGGGCCAACTGCTGAACGTAGGGGTGAGGGAAGCCCTTCGTGA
CGAAGAGTGGGACTGCTTGTTTTACACGATGTGGACCTCTCCAGAAAACGACCATAACCTGTATGTG
TGTGACCCCGGGGACCCCGCCATGTTGCTGTCCGATGAACAAGTTGGATACAGCCTTCCGATACCC
AGTACTTTGGCGGAGTTTCAGCACTCACTCTGACCAGTACCTGAAGATGAATGGCTTCCCAATGAATA
CTGGGGTGGGGTGGCGAGGATGACGACATTGCTACCAGGGTTCGCTGGCTGGATGAAGATTTCCCGA
CCACCCACCTCTGTGGGACACTACAAGATGGTGAAGCACAGAGGGGATAAAGGAAATGAGGAAAACCC
ACAGATTTGACCTCCTGGTCCGTACCCAGAATTCTGGACACAAGATGGAATGAACTCACTAACATACCG
ACTGCTGGCAAGAGAGCTGGTCTCTCTACACCAACATCACTGCAGACATTGGGACTGACCCTCGGGT
CCCCGGCTCCCTCTGGTCCCCGATACCCACCAGGTTCTCCAGGCCTTCCGTGAGGATGCTGCAAC
GCCGGCCCCAGCTAGGCTGGCCCTCTGCCTACTGCCAACACACAGCTCCCCATGGTTACAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001009539
Insert Size:	1188 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:	<u>NM_001009539.1, NP_001009539.1</u>
RefSeq Size:	2007 bp
RefSeq ORF:	1188 bp
Locus ID:	494342
UniProt ID:	<u>Q6P768</u>
Cytogenetics:	13q24
Gene Summary:	Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.[UniProtKB/Swiss-Prot Function]