

Product datasheet for **RN206049**

B4galt4 (NM_001012018) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: B4galt4 (NM_001012018) Rat Untagged Clone
Tag: Tag Free
Symbol: B4galt4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206049 representing NM_001012018
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCTGCAACCCACCTTACCTCCTCTCTACAGATTACGGTTGCTGCTCTTTACCTTATGCCTGA
CAGTGCTTGGGTGGGCCACCAGCAACTACTTTGGGTGCTATTCAAGTAATCCCAGGGCAAAGA
ACTT CATGGCTACTTTACACAAGGTCATGTATTTGGGAATGAAGAACTCTGGCCATGGGCAGCCATGAAG
AAAGCAGAGCTTGCTAACTGCCCTTCGGTGTCTCCAAACCTCAGAGGGCAGAACAAGCTGTTTTAAGC
CGGACCTCACTTTGGAGGAAGTTCAGGCTAAAAACCCAAAGTGTCCAGAGGCCGGTATCGCCAGAGGA
GTGTAAGGCCCTGCAGCGGTGGCGTCTCATCCCCACCGAACAGAGAGAAGCACCTGATATACCTG
CTGGAACACCTGCATCCCTTCTGCAGAGGCAGCAGCTGGACTACGGCATCTACGTATCCACCAGACCG
GAAGTAAAAAGTTTAACCGGCCAAGCTCCTCAACGTGGGCTATCTGGAAGCTCTCAAGGAGGAACTG
GGACTGCTTCATATCCACGACGTGGACCTGGTGCCTGAGAATGACTTCAACCTCTACACCTGCGGGGAT
CAGCCCAAGCACCTGGTCTGGCCGGAACAGCACTGGCTACAGGTTGCGTTACAGTAAATTTTTGGGG
GCGTTACTGCCCTCAGCAGAGAACAGTTTTTCAAGGTGAATGGATTCTCTAACAACACTGCGGGATGGGG
AGGAGAAGACGATGACCTCAGACTCAGGTTGAGCTGCATAAAATGAAAATATCCCGGCCAAGCCTGAC
GTGGGCAAGTACACCATGATCTTCCACACCAGAGACAAAGGCAACGAGGTGAACGGGAGCCGAATGAAGC
TGTTGCAGCAGATGTACGGGTCTGAAAAACAGATGGCTTATCGAGCTGCTCTTACAGATTGCTCTCTGT
GGAACACAACCCTTTATACGCCAACATCACAGTGGATTCTGGACCGCCGCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012018
Insert Size: 1035 bp



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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_001012018.1</u> , <u>NP_001012018.1</u>
RefSeq Size:	2106 bp
RefSeq ORF:	1035 bp
Locus ID:	303923
UniProt ID:	<u>Q66HH1</u>
Cytogenetics:	11q21
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]