OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC201175

B4galt4 (NM_019804) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	B4galt4 (NM_019804) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	B4galt4
Synonyms:	9130402O08Rik; b4Gal-T4; B4galt-IV; beta4Gal-T4; beta4GalT-IV
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>BC013492 sequence for NM_019804
ACGAGCGCGATCCCCGGGGCTGCTCCTCACCACCTCCCCTTCCCCGGGCGGCCTCCCGGTGGCCGCGTCC
GGGTGATCTCTGGGCTAGAACTGCTGAGCAGTGGCAAACATTACCTCATGAGTTGCCATCAGATCCCCGG
TCATACTGGAAAAGTACAATTTGGAACCTCCTCACTCCAGCTGAAACAGAGATACAGATTACTCACAAAC
TAAGAGACATGGGCTGCAACCCACCTTATCACCTCTCCTACAGATTACGATTGTTGCTGCTCTTTACCCT
GTGCCTGACGGTGGTTGGGTGGGCCACCAGCAACTACTTTGTGGGTGCTATTCAAGTGATCCCCAAGGCA
AAGGACTTCATGGCTAGTTTCCACAAGGTCATACATTTGGGGAATGAAGAAACTCTGGGCCATGATGGGG
CCACGAAAAAACCAGAGCTTGCTAACTGCCCTTCGGTGTCTCCAAACCTCAGAGGCCAGAGCAAGCTCGT
TTTTAAGCCGGACCTCACGTTGGAGGAAATAGAGGCTGAAAACCCCAAAGTGTCCAGAGGCCGGTATCAC
CCTGAGGAATGTAAGGCTCTGCAGCGGGTGGCCATCCTCATTCCACACAGGAACAGAGAGAAGCACTTGA
TCTACCTGCTGGAACACCTGCATCCCTTCCTGCAGAGGCAACAGCTGGACTACGGCATCTATATCATCCA
CCAGACGGGAAGTAAAAAGTTTAACCGAGCCAAGCTCCTGAACGTGGGCTATCTGGAAGCTCTCAAGGAG
GAGAACTGGGACTGCTTCGTATTCCACGACGTGGACCTGGTGCCTGAGAATGACTTCAACCTCTACACCT
GCGGTGATCAGCCCAAGCACTTGGTGGTGGGCCGGAACAGCACGGGCTACAGGTTGCGTTACAGTAAATA
TTTTGGGGGTGTCACTGCCCTCAGCAGGGAACAGTTTCTCAAGGTGAATGGATTCTCTAACAACTACTGG
GGATGGGGAGGAGAAGACGATGACCTCAGACTCAGGGTTGAGCTCCATAAAATGAAAATATCCCGGCCCA
AGCCCGACGTGGGCAAATACACCATGATCTTCCACACCAGAGACAAAGGCAACGAGGTGAACATGGGCCG
AATGAAGCTGTTGCAACAGATGTCCCGGGTCTGGAAAACAGATGGCTTATCGAGTTGTTCTTACAGATTA
CTCTCTGTGGAGCACAACCCTTTATATGCCAACATCACAGTGGATTTCTGGACTGCTGCGTGACCCGGAG
CTTTTGATGACACTCAGGACTGATGATTTGACTGTAATAATTTTGGCCTAGAGACTTCCATAGTAGCACA
ACGTTAAGAACTTGTTCCAACTAATTATTAGGCTGAAATTTTTCCATTTTCTCAGCAGAGCTCTTGGTTA
TGTAGAATGTAGAACCATAGTAACAAGACAGCTTTTCTTGGTTGTTTTGAATCATGGCTGTGAAGTGTTG
TAACACACGTACTTGAAGGACTAAAGATGAGAGGATGTGATGAAGTCACCTTGCGGTCTGTATCCTTACA
GGATTCACTTCAGCAATGTACCATGTGATCAAAAAGCGGAGAACAAAATCCCCAAGCATCTTAGAGAACC
ATCTAAGACAGAAAGGTACTAAGATATGTTTCTGTAACTCAGTGTATCCTATATGGCCATCTGCGAAGTG
GTGGATTCCAGATTCGAAGAAAGCCATAGAAGAGGGGAGCAAAGTCAAGAATCAGATGCCACAAACACGA
CCGTAAAGAGCTGGCTAAGGACAGAGTGTGGAGTGAACTGGCAGCGGTCCCCGTGCTGGCTGCTGCCACC
AATCTTCTGTGGTGGATGCCGCCTCATCAGAAATACCTTCCAGCCTGTGGCCACCCGACCCTGAATGTAC
CCAGCCTCTTGAGAGGCTCTTGCCAGTAATAACCCACCAGAGAACACACTGTCTATTAGTTTTTAAAGCA
TTTTTATAAAATGATTTTGTACATGTAGGGTATGAATGAGCAGTTTATAAGCCACGTGATGACTGATAAT
GTCTATAGAGTATCTCTGTAGTAAAATATGAAAAAACTTCCAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_019804

Insert Size: 1035 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:	BC013492, AAH13492
RefSeq Size:	2105 bp
RefSeq ORF:	1035 bp
Locus ID:	56375
UniProt ID:	Q9JJ04
Cytogenetics:	16 B4
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] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.