

Product datasheet for RN209593

B4galnt4 (NM_001107562) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: B4galnt4 (NM_001107562) Rat Untagged Clone
 Tag: Tag Free
 Symbol: B4galnt4
 Synonyms: RGD1310052
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN209593 representing NM_001107562
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGTGGTTCCCGGTGAAGAAGGTCCGCAAGCAGATGAAGCTGCTGCTGCTGTTGCTGCTGCTCACCT
 GCGCCCGTGGCTCACGTATGTGCACCGGAGCCTGGTGCGCCCGGCGCGCTACGCCAGCGGTGGG
 CTACGGGCGAGACGGTGAGAAGCTGACTGGTGTGACCGATAGCCGGGTGTCGGGTGGCATCATCCACA
 CAGAGGGCAGAGGACTCTAGTGAAGCCATGAAGAGGAGCAGGCCCTGAGGGGCGGGGCCAAACATGC
 TGTTTCCTGGAGGAGCTAGAAAGCCACCCCACTGAACCTCACCCATCAGACACCCCATGGCGGAAGA
 GTTCAAAGGACAGGTGAACCTGCACGTGTTGAGGACTGGTGTGGGGTGTGTGGGCCACTTGAGAAGA
 AACCTACACTTCCCACTATTTCTCATACCCGCACGACGGTGACAAAGTTAGCCGTGTCCCTAAGTGGA
 AGAACTATGGACTCCGGATTTTGGCTTCATCCACCCAGCCAGAGATGGAGACGTCCAGTTCTGTGGC
 TTCGGATGACAACTCTGAGTTCTGGCTGAGTTGGATGAGAGCCAGCAGCTGCTCAGCTTATAGCCTTT
 GTGGGCAAGACTGGCTCTGAGTGGACCCACCTGGAGAATTCACCAAGTTCAGCTCCAGGTGTCTAAGC
 CACGGCGGCTCATGGCTCCAGGAGATACTACTTTGAAGTTCACAAGCAAGATGACAAGGGTTCAGAC
 CCATGTGGAAGTGGGTTGGCGAGCTTCTGCGGGTCTGAAGTTCGAGATCATTGGTTCTGTACATC
 TCCTGTACACAGATGAGTCATCTCTGAAGATGGACATGTGGCCATGTGCCTCAGTCTCCAGCTAGCC
 ATGTAGGAGGATACCCAGCACAGGAGGCCAGCCAGCCGACATGCTGCATCCAGACCCAGGGACACCTT
 CTTCTCACTCCGCGGATGGAACCTTTGAGCCTGGAGAATGTGCTAGAACCCTGTGCCTATGCACCTACC
 TATGTCCTCAAGGATTTCCCATAGCCAGATACCAAGGACTGCAGTTCGTGTACCTGTCTTTCATCTATC
 CCAATGACCATAACCCGTCTCACTCACATGGAGACAGAGAACAAGTCTTACCGTGAGTCCCGCTTTA
 CCTGAAAGGTTCCGGTCTATAAATACATGAAAATGGACAAGGAGGAAGGAGGAAGATGAGGAAGAA
 GAAGTTCAGCGTAGAGCCTTCTCTTCTCAACCCAGATGACTTCTGGATGATGAAGATGAGCAGGAAC
 TGTTAGACAGCCTGGAGCCCACTGATGCATCCCTACAGCAGAGCCACAGGACCCCAACCCAGCAGCCTC
 CCCTGAAACTACAGCCAGCCCTACCCCACTACGACTAGTCTCTGGATGAGCAGACCCCTCAGACATTCC
 CGGCACTGAATTGGGCCACGCCCCCTGCCCTCTTCTGGGGCGAGCCCCGCTCCCGAACCTCGG



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AGAAGTCGCTTCAAAGTGTATGTGACCAGGGTACGACCTGGACAGCGGGCTTCCCAAGGGCATTGAG
 AGACTCGCCCTGGCCACCCTTCCCTGGTGTCTTCTGCGCCCAAGCCTCTGCCAGAGTACAGTACGG
 GTGCCCCGCATCCACCTCGGACCCAGGGCTATAGGACCAGTAGCCCCAAGGTACAGAACTAAGGCCCC
 CAGTCAGGGCACAGACCAACCAGGGAGGCCAGGAGGGCCAGTTGCACGGACAAGGACTCATGGTCCAC
 GGTGGACTTGAATCCTCAGTGGAAACACAGTCTGTGACCTCCTCTGAGCTTATCTCAGGTATCTAGA
 CCACAGCTGCCTGGAGAGGGTGAAGAAGGGGAGGACGGGGCCCTGGTGTGAGGCCACATCAGAAGACA
 GTGAGGAAGAGGAGGAGCAGGCTGCTGGCGGCCATGGACTTCGAGCTGCTGCGCTCCGACTGGAACGACCTGCGCTGTAAC
 GCGCACATTCAGCGTGGCGCCATGGACTTCGAGCTGCTGCGCTCCGACTGGAACGACCTGCGCTGTAAC
 GTGTCCGGGAACCTGCAGCTTCTGAGACCGAAGCAGTGGACGTGGTGGCTCAGTACATGGAGCGGCTTA
 ATGCACGGCATGGCGGGCGCTTCTCGTCTTACGCATCGTGAACGTGGAAAAGCGCCGACTCCGCACG
 CGGAAGCCGCTTCTCCTGGAATGGAATTGCAAGAGCGCGGAGGCAGCCGCCAGCGCTTTCAGAATAT
 GTCTTCTGCGATTGCCGGGAGCCCGCTTGGGGACGAAGATGGAGACAGTCCCGAGCCCCCTCTGCC
 CCTCCAGCCACCAGACAGTCCGCCAGAGCTCTGCCGGCCCTGCACCTGGCCTGGCGTCAGGATGTCAT
 GGTTCATTTTCATGTACCAGTGAAGAATCAGGCGCGCTGGGTAGTGCAGTTCCTGGCAGATGACTGCC
 CTGCATGTGCAGACGGGGACTCTACTTCAACATCATCTTGGTGGACTTTGAGAGCGAGGACATGGATG
 TGGAGCGGGCCCTGCGTGGCGCTCAGTACCTCGGTACCAGTACTTGAGACGAACTGGAAGCTTCGAGCG
 CTCTGCAGGCCTGCAAACCTGGAGTTGATGCAGTGGAGGACCCAGCAGCATCGTTTTCTCTGTGACCTG
 CACATCCACTTCCCGCTAACATCCTGGACAGCATCCGCAAGCATTGTGTGGAGGGCAAGCTGGCCTTCG
 CCCCTGTGGTTCATGCGTCTGGGCTGTGGGAGCTCACCGTGGGACCCACATGGTTACTGGGAGGTGAATGG
 ATTTGGTCTCTTTGGAATCTACAAATCAGACTTTGACCGAGTGGGAGGCATGAACACTGAGGAGTTCCGT
 GACCAGTGGGAGGCGGAGACTGGAACTTCTGGACAGGCTCTGCAGGCAGGGCTGGAGGTGGAGAGGC
 TTCGACTTCGACATTTCTACCACACTATCACTCAAAGCGAGGCATGTGGCCACACGACGCCGAAGGG
 TGCCCGCCACATCGATCTGA

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107562

Insert Size:

3102 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:

NM_001107562.1, NP_001101032.1

RefSeq Size:

3546 bp

RefSeq ORF:

3102 bp

Locus ID: 309105

Cytogenetics: 1q41