

Product datasheet for **RN209325**

B3galnt2 (NM_001144851) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	B3galnt2 (NM_001144851) Rat Untagged Clone
Tag:	Tag Free
Symbol:	B3galnt2
Synonyms:	RGD1306946
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209325 representing NM_001144851
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGAAACTGGCTGGTGTCTGTGCCCTTGCCTGCTCGGGGCCGCGCTGCACCTCTGGCACCTCTGGC
 TCCGTTCCCTCCGGCCCCCACAAACACGAGCCAGCGCTGCAGATCAATCAGCCTTATTTCTCAGGG
 GAAATTCGTCACTATGATGTGGTAGTTGGTGTGTATCAGCTCGAAACAACCACGAACCTCGAAATGTG
 ATAAGGAACACCTGGCTGAAGGATTTGCTGCAACATCCTACATTAAGTCAACGTGTCTGTGAAGTTCA
 TAATAGGTGCCGTGGCTGTGACGTGCCTGTGGAAGACAGGGAGGACCCCTACTCCTGCCGACTGCTCAA
 CATCACCAGTCCAGTTTGAATCAGGAAATCGAGGCCCTCAGCTTTCCTGAAGATGCCTCCTCATCCCGA
 CTGTCTGAGGATCGAGTTGTCAGCGTGAGCTTCAGAGTTCTACCCAATCGTGATCACCAGTGTCCGGAG
 TGTTCTATGATGCCAGTGACATTGGCTTCAAAGGAACATCACAGTCAAGTTGTATCAGACAGAGCAGGA
 GGAGGCCCTTTTCGTCGCTCGATTTAGTCTCCAAGCTGTGGCACACAAGTGAACAAGCTGTGGTATAAG
 CCTGTGGAGCAATTCATCTTACCAGAGAGCTTTGAAGGTACGATCGTGTGGGAAAGCCAAGATCTCCATG
 GCCTCGTGTCCAGAAACCTGCACAGAGTGACAGTGAATGATGGAGGGGGTGTCTCAGAGTCCCTCACAGC
 TGGGGAAGGGGCCTTGCCTCATGAATTCATGGAAGGTGTGGAGGGAGTTGCAGGTGGCTTATCTACACT
 GTTCAGGAAGGCGATGCACTATTACGAAGCCTTACTCTCGGCCCCAGAGACTTGTAGATCACATACGGG
 ATCTGCAAGTGGAAAGATGCCTTACTGCAGAAGGAAAGCAGTATCTATGATGACATTGTCTTCGTGGATGT
 TGTGGATACTTACCGAACGTTCCCTGCAAAATTATTGAACTTCTACAGATGGACTGTGGAATCCACCAGC
 TTCAGTTTGTCTCAAGACAGATGATGACTGTTACATAGACTTAGAAGCTGTGTTAATAAGAATTGCTC
 AGAAGAATCTAGATGGGCCTAATTTTTGGTGGGAAATTCAGGTTGAATTGGGCAGTGGACAGAAGCTGG
 AAAATGGCAGGAGCTGGAATACCCAAGCCCGCTTACCCTGCCTTTCCTGTGGGTGAGGGTATGTGATC
 TCCAAGGATATCGTTGACTGGCTGGCAGGCAACTCCGGAAGGTTAAAGACCTATCAGGGTGAAGATGTCA
 GCATGGGCATTTGGATGGCAGCCATAGGACCTAAAAGACACCAGGACAGCCTGTGGCTGTGTGAGAAAAC
 CTGTGAGACAGGAATGCTGTCTTCTCCTCAGTACTCACCAGAAGAGCTGAGCAAAGCTGTGGGGACTGAAG
 GAACTGTGTGGGGATCCTTGTGCTGAGTGTGAAGCAAAGCACGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001144851

Insert Size: 1515 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_001144851.1](#), [NP_001138323.1](#)

RefSeq Size: 3937 bp

RefSeq ORF: 1515 bp

Locus ID: 291212

Cytogenetics: 17q12.1