

## Product datasheet for **RN207930**

### **B3galt2 (NM\_001109492) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** B3galt2 (NM\_001109492) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** B3galt2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN207930 representing NM\_001109492  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTTCAGTGGAGGAGAAGACACTGCTGCTTTGCCAAAATGAGCTGGAATGCTAAAAGGTCTCTGTTC  
 GGACTCACCTTATGGGTGTACTTTCTCTAGTGTTCTTTTTGCTATGTTTTGTTTTCAATCATCATGA  
 CTGGTTACCAGGTAGACCAGGATTCAAAGAAAATCCTGTGACATACACTTCCGAGGATTCGTTCTACA  
 AAAACTGAGACGAATCAAAGCTCCCTTCGGAACATCTGGAAGAAGTAGTTCCTCAGACTTTCGGGCCTC  
 AGACAGCAACTAACTCCAACAACACAGAGCTATACCACAAGGAGTTACAGGACTAGAGAACACTCTCAG  
 CGCCAACGGAAGCATTTATAATGAAAAGGGTACTGGACATCCAACTCTTACCATTTCAAATATATCATC  
 AATGAGCCTGAAAAATGCCAAGAGAAAAGTCCATTTTTAATCCTACTAATAGCTGCAGAGCCTGGACAAA  
 TAGAAGCAAGAAGAGCTATACGGCAAACCTGGGGCAACGAACTTAGCACCTGGCATCCAATCACAAG  
 GATTTTCTTGTTGGGCATAAGTATTAAGCTAAATGGCTATCTTCAACATGCAATCCAAGAAGAAAGCATA  
 CAGTATCATGATATAATTCAGCAGGAATACTTAGATACATACTATAATCTGACCATTAACACTAATGG  
 GTATGAACTGGGTTGCAACATACTGTCCACATACTCCATATGTTATGAAAACGGACAGTGATATGTTTGT  
 CAACACAGAATACTTAATACACAAGTACTAAAGCCAGACTGCCTCCTAGACATAACTATTTTACTGGG  
 TATCTAATGAGAGGCTATGCACCTAACAGAAAACAAAGACAGCAAGTGGTACATGCCACCAGACCTGTACC  
 CAAGTGAGCGTTACCCTGTCTTCTGCTCAGGAACTGGTTATGTTTTTCTGGGGATCTGGCAGAAAAGAT  
 ATTTAAGGTTTCTTTAGGTATCCGTCGTTTGCCTTGGAAAGATGTATGTAGGGATCTGTCTTGCCAAG  
 TTGAGAGTTGATCCAGTGCCCCCTCCAATGAGTTCGTGTTCAATCACTGGCGAGTTTCTTATTTCAAGCT  
 GTAATAACAGCCCACTAATTACCTCTCATCAGTCCAGCTAGTGAAGTATAAAATACTGGAATCATT  
 ACAACAAAATAAGCACAACGCCTGTGTCAACGCAGCAAAGGAAAAGGCAGGCAGGTATCGGCACCCGAAA  
 CTACACT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001109492
<b>Insert Size:</b>	1269 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001109492.1</a></u> , <u><a href="#">NP_001102962.1</a></u>
<b>RefSeq Size:</b>	4463 bp
<b>RefSeq ORF:</b>	1269 bp
<b>Locus ID:</b>	686081
<b>Cytogenetics:</b>	13q21