

## Product datasheet for **RN213244**

### **B3gnt7 (NM\_001012134) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** B3gnt7 (NM\_001012134) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** B3gnt7  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN213244 representing NM\_001012134  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCTCTGTGGAAGAAAACCCCTCTACAAGAGTGTATGCCTGGCTCTGGCCCTCTGTGGCTGTACCCG  
 TATTCCAGCGCAGTGTGACCCCTGGTCAATTCCTCAGGATCCTCTACCACCCACGCTAGGGCCACCCAA  
 AACTGGAAGTCTGGTCAACCCCAACAGCTTCTGGAAGAGTTCAAAGGATGTAGTGGTCCCACCCACAG  
 GTTCTCGGGGACCCAGGTCTGGGATGTGGTTACCACTAACTGCTCTATCAATGTCAACCTGACCCATC  
 AGCCCTGGTTCCAGAATCTCGAGCCACACTTCCGGCAGTTCTAGCCTATCAGCATTGTCGATATTTCCC  
 CATGTTGCTAAACCACCCGAGAGGTGTGCCGGCGATGTCTATCTGCTTGTGGTTGTCAAGTCAGTCATC  
 ACACAGCATGACCGCCGAGAGGTTCATTCGTGACACCTGGGGCCACGAATGGGAGTCAGCAGGTCCAGACA  
 GGGGGGCCGTGCGGACTCTTCTGCTCGGCACAGCCTCCAAGCAAGAGGAGCGAACCCTATCAGCA  
 GCTGCTGGCCTATGAGGACCGTCTCTATGGCGACATCCTACAGTGGGACTTCTTGACAGCTTCTTCAAC  
 CTGACTCTCAAGGAGATCCACTTCTCAAGTGGCTTGACATTTACTGTCCAATGTCCCCTTCATTTTCA  
 AAGGTGATGATGATGCTTTGTCAACCCACCAACCTGCTCGAGTTTCTGTCTGACCGGCAGCCCCAGGA  
 AAACCTATTCGTAGGTGATGTTCTGAAACATGCTCGACCCATCCGCAAAAAGATAACAAATACTACATC  
 CCCGCCGTATGTACAGCAAGGCCACCTACCCACCTATGCCGGCGCGGGGTTTCTCATGTCTGGCA  
 GCCTGGCTCGGCAACTCCACCACGCCTGTGACACACTGGAACCTTCCCTATTGATGACGTCTTCTCTGGG  
 CATGTGCTTGGAGGTGCTGGGAGTGAAGCCACAGGCCACGAGGGCTTCAAGACCTTCGGTATCTCTCGG  
 GTCCGAGGCAGCCGAATGAACAAGGAGCCATGCTTCTACCGATCCATGCTCGTGGTTTCAAGCTGCTGC  
 CTGCCGAGCTGCTGGCCATGTGGGATCTGGTACATAGCAATCTTACCTGTTCTCTCAAGTCCAGGTGCT  
 CTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



[View online »](#)

<b>ACCN:</b>	NM_001012134
<b>Insert Size:</b>	1194 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_001012134.1</a></u> , <u><a href="#">NP_001012134.1</a></u>
<b>RefSeq Size:</b>	2555 bp
<b>RefSeq ORF:</b>	1194 bp
<b>Locus ID:</b>	316583
<b>UniProt ID:</b>	<u><a href="#">Q66H69</a></u>
<b>Cytogenetics:</b>	9q35
<b>Gene Summary:</b>	May be involved in keratane sulfate biosynthesis. Transfers N-acetylgalactosamine on to keratan sulfate-related glycans. May play a role in preventing cells from migrating out of the original tissues and invading surrounding tissues (By similarity).[UniProtKB/Swiss-Prot Function]