

## Product datasheet for **RR213265**

### **B3galt6 (NM\_001106699) Rat Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: B3galt6 (NM\_001106699) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: B3galt6  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR213265 representing NM\_001106699  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGGTATTTTCGGCGCGCTTGGCGGCACCGGGTGGTGTCTGGCCCTAGGCGGCCTGGCGTTTTGCAGCA  
 CCACTCTGTTATACTTGGCGCGCTGCGCTTCTGAGGGCGAGACGCCCTCCGCTTCTGGAGCAGCTCGAAC  
 CCGCGCTAAGGCCTTCTGGCAGTGCTAGTGCCAGTGCGCCCGTGCAGTTGAGCGCCGACCGCAGTG  
 CGCAGCACGTGGCTGGCAAGAGAGGCGTGGCGACCCAAGGACGTGTGGCGCGCTTCGCTGTGGGCA  
 CTAGCGGCTGGGCGCAGAGGAGCGCGCACTCTTGAGCTCGAGCAAGCACAGCACGGGGACCTGCTGCT  
 GCTGCCCGCTTGGCGGATGCCTACGAGAACCTCACGGCCAAGGTTCTGGCCATGCTAACCTGGCTGGAT  
 GAGCACGTAGACTTCGAGTTCGTCCTCAAGGCGGATGACGACTCTTTTGGCGCCTGGACGCTATACTGG  
 TGGAGCTGCGCGCACGCAACCCGACGCCCGCGCCCTCTATTGGGGCTTCTTTTCTGGGCGCGGTGCG  
 CGTCAAGCCAGGAGGTCGCTGGCGAGAAGCTGCTGGCAACTCTGCGACTACTATCTGCCCTACGCTCTG  
 GGCGGTGGATATGTCCTTCTGCGGACCTGGTGCATTACCTGCGCCTTAGCCGGAATACCTGCGCGCAT  
 GGCACAGTGAAGATGTATCGCTGGGCACCTGGCTGGCACCAGTAGATGTGCAACGAGAGCATGACCCACG  
 CTTGACACGGAGTACAATCTCGAGGCTGCAGCAATCAGTATCTGGTGACACACAACAAGCCAGAG  
 GACATGTTGGAGAAGCAACATATGTTGCTGCATGAGGGCCGGTTGTGCAAGCATGAGGTGCAATTGCGCC  
 TTTCTATGTCTATGACTGGTCAGCGCCACCCTCCCAGTCTGCCAACGCAAGGAGGGCATTCCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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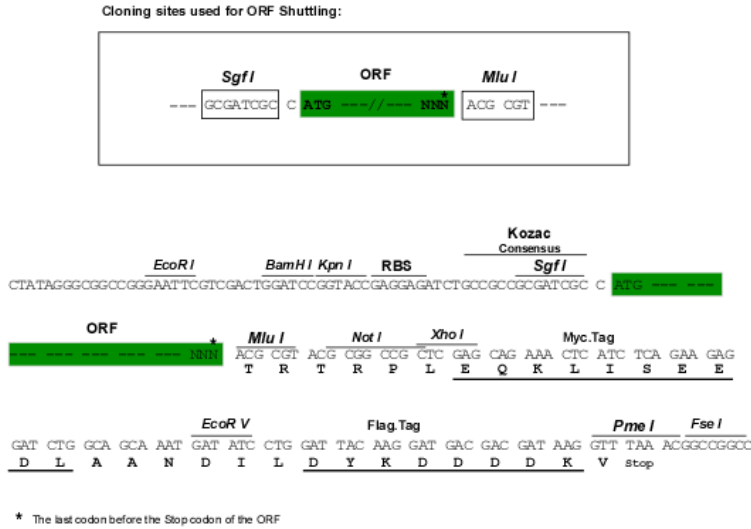
**Protein Sequence:** >RR213265 representing NM\_001106699  
 Red=Cloning site Green=Tags(s)

MKVFRRAWRHRVVLGLGLAFCSTLLYLARCASEGETPSASGAARTRAKAFLAVLVASAPRAVERRTAV  
 RSTWLAQERRGGPKDWARFVAVGTSGLGAEERTLELEQAQHGDLLLLPALRDAYENLTAKVLAMLTWLD  
 EHVDFEFVLKADDDSFARLDAILVELRAREPARRRRLYWGFFSGRGRVKPGRWRWAAWQLCDYYLPYAL  
 GGGYVLSADLVHYLRLSREYLRWHSEDSVSLGTWLPVDVQREHDPFRDTEYKSRGCSNQYLVTHKQSP  
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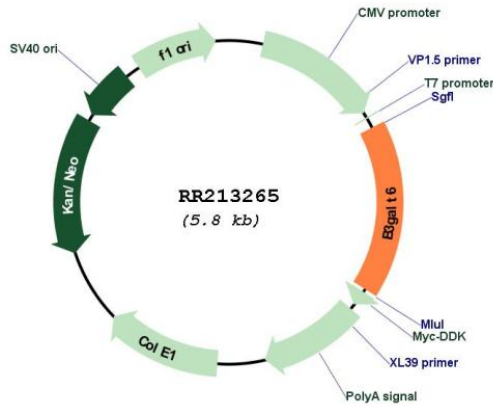
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001106699

<b>ORF Size:</b>	975 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001106699.1</a> , <a href="#">NP_001100169.1</a>
<b>RefSeq Size:</b>	2137 bp
<b>RefSeq ORF:</b>	978 bp
<b>Locus ID:</b>	298690
<b>Cytogenetics:</b>	5q36
<b>MW:</b>	37.1 kDa