

## Product datasheet for RN211467

### B4galt6 (NM\_031740) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	B4galt6 (NM_031740) Rat Untagged Clone
Tag:	Tag Free
Symbol:	B4galt6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211467 representing NM_031740 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCTGCGCTCAAGCGGATGATGCGGGTCTCCAATCGCTCCCTGATCGCCTTCATCTTCTTCTCTCCC  
TCTCCACGTCTGTCTCTATTTTCATCTATGTGGCTCCAGGCATCGCCAACACATACCTCTTTATGGTACA  
AGCTAGAGGCATCATGCTGAGAGAAAATGTAAAACAATTGGACACATGATCAGGCTGTATACCAATAAA  
AACACTACGCTCAATGGGACAGATTATCCCGAAGGCAATAATACAAGTACTATCTTGTTCAAACAACAA  
CGTATCTTCCGCGAGAACTTCACGTATTCACCGCACCTCCCTGTCCAGAGAAGCTGCCTTATATGCGGGG  
ATTCCTCAGTGTCAACGTGAGTGAATCAGCTTTGATGAAGTCCATCAGCTCTTCTCCAAGGACTCGGAG  
ATTGAGCCGGGAGGCCACTGGAGGCCAGGACTGCAAGCCTAGATGGAAGGTGGCAGTTCTCATCCCT  
TCCGTAACCGCCATGAACACCTCCCGATCTTTTCTGCACCTGATCCCGATGCTCCAGAAACAGAGGCT  
GGAATTTGCCTTTTATGTCATCGAACAGACCGGCACACAACCGTTCAATCGTGCCATGCTCTTTAACGTG  
GGTTTCAAAGAGGCCATGAAGGACAGAGCCTGGGACTGTGTGATCTTCCACGACGTGGATCATCTTCTGT  
AGAACGATCGGAACTATTACGGATGCGGGGAGATGCCCGGCACCTTGCAGCGAAGCTGGACAAGTACAT  
GTACATTTCTTATAAGGAGTTCTTTGGTGGGGTGTGAGTGGCCTGACAGTGGAGCAATTTAGGAAGATC  
AATGGCTTTCCCAATGCCTTCTGGGGATGGGGAGGAGGATGACGACCTTTGGAACAGAGTTCACTACT  
CTGGATACAATGTAACCCGGCCAGAGGGGACTTGGGAAAATATACATCTATTCCCACATCACCATCGAGG  
GGAAGTACAATTTTAGGACGGTATAAATTACTTCGCTATTCTAAGGAGCGTCAGTTCAATTGATGGATTG  
ACAATTTATTATACACCCAAAATACTGGTTGACAGGCTGTATACAAATATATCTGTAACCTCATGC  
CGGAGTTAGCTCCAGTTGAAGACTATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_031740



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<b>Insert Size:</b>	1149 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_031740.1</a></u> , <u><a href="#">NP_113928.1</a></u>
<b>RefSeq Size:</b>	5729 bp
<b>RefSeq ORF:</b>	1149 bp
<b>Locus ID:</b>	65196
<b>UniProt ID:</b>	<u><a href="#">O88419</a></u>
<b>Cytogenetics:</b>	18p12
<b>Gene Summary:</b>	catalyzes the transfer of galactose from UDP-Gal to glucosylceramide [RGD, Feb 2006]