

Product datasheet for **RN209836**

B3gnt2 (NM_001107240) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: B3gnt2 (NM_001107240) Rat Untagged Clone
Tag: Tag Free
Symbol: B3gnt2
Synonyms: B3gnt1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209836 representing NM_001107240
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGTGGGGCGTCAAGAGTAAGGTTGCTGGGCATCCTGATGACAGCAAATGTCTTCATCTATTTGA
 TTGTGGAAGTCTCCAAAAGCAGTAGCCAAGACAAGAATGGAAAGGGGGAGTGATAATACCGAAGGAGAA
 GTTCTGGAAGCTGTCCAGCCTTCCCGCGCATACTGGAATAGGGAGCAGGAGAAGCTCAACAGGTGGTAC
 AATCCCATCTTGAACAGGTTGGCCAATCAGACGGGGATCTGTTACATCTCCAAACACAAGTCACTGA
 ACTATTGTGAACCGGACTCGACAGTCATGACAGCTGTGACAGATTTTAATAATCTGCCGGACAGATTTAA
 AGACTTCTCTTGTATTTGAGATGCCGAAATTACTCGCTGCTCATAGATCAACCGAAGAAGTGTGCAAAG
 AAGCCCTTCTACTGTTGGCGATAAAGTCCCTCATTCCACATTTCCGCCAGAAGGCAAGCAATTCGGGAAT
 CTTGGGGCCGAGAGACCAATGTAGGGAACCAGACAGTGGTAAGGGTCTTCTGTTGGGCAAGACACCCCC
 AGAGGACAACCACCTGACCTCTCGGACATGCTGAAGTTCGAGAGTGAGAAGCACCAGGACATCCTCATG
 TGAAGTATAGAGACACATTTCAACCTGTCTCTCAAGGAAGTACTGTTTCTCAGTGGGTGAGCACTT
 CCTGTCCAGACGCGAGTTTGTCTCAAGGGTATGATGACGTGTCGTAACACCCATCACATCCTGAA
 TTAAGTGAATAGCTTATCCAAGAGCAAAGCCAAAGACTTGTTCATAGGTGACGTGATCCACAATGCTGGG
 CCCCATCGGGATAAGAACTGAAGTACTACATCCAGAAGTCTTCTACACTGGGGTCTACCCACCGTATG
 CAGGGGGCGGTGGGTTTCTGTACTCTGGCCGCTGGCCTTGAGGCTTTACAATGTAAGTACCCGGTCCA
 CCTTACCCCATCGATGACGTTTATACTGGAATGTGCCTCAGAACTGGGCCTTGTCCGGAGAAAACAC
 AAAGGCTTCAGGACATTTGATATTGAAGAGAAAAATAAGAAAAATTTTGTTCATATATAGATCTAATGT
 TAGTACACAGCAGGAAACCTCAAGAGATGATTGACATCTGGTCTCAGTTGCAAAGTCTAATTTAAATG
 CTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107240
Insert Size:	1194 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:	<ol style="list-style-type: none">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:	<u>NM_001107240.1</u> , <u>NP_001100710.1</u>
RefSeq Size:	2934 bp
RefSeq ORF:	1194 bp
Locus ID:	305571
Cytogenetics:	14q22