

Product datasheet for **RR203735**

B3gnt6 (NM_001106211) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: B3gnt6 (NM_001106211) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: B3gnt6
 Synonyms: RGD1310926
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR203735 representing NM_001106211
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTTTGCCCTGCAGTCGCAGGTCCAAGACTCCAAGACACTGGCTTTCCTTCTAGTGGGTATGACTT
 TCGTGGTGTGAACAGTGGCTCCTCCAGGAGCCCATGCGGGAGAAAGCCAACGGTTCGGTGGTCACTCC
 CTGGTCTTCTGAAGCTGCTGTGCTGCGTTTGCCGCTCCTCCCGGCCCCCTGCGGGCCAACGTCTCT
 GTGGACCTCCTGGATGGCTTCCAGGAGTTGCCCGCTAGGATCCAAGATTTCTGCGCTACCGCCACTGCC
 GCCGCTTCCCGCAGCTGTGGGACGCGCCACAAATGCGTGGGGCCCCGCGGCGTCTTCTGTTGCTGGC
 AGTGAAGTCGTCGCTGCCACTACGAGCGGCGGAGCTGATCCGGCGCACATGGGGCCAGGAGCGCAGC
 TACAGCGGCCAGCAGGTGCGTCGCTTCTGTTGGGACCTCCTCCTCCGAGGAGGCGGCCCGCGAGC
 CTCAGCTGGCCGATCTGCTGAGCCTGGAGGCGCGGAGCACGGCGACGTGCTGCAGTGGGACTTCAAGGA
 CACCTTCTCAACCTCACACTCAAGCACCTGCACCTGCTCGACTGGACAGAGGAGCACTGCCCGGAATG
 AGCTTCTGCTCAGTGCAGCAGCAGCTTTCGTGCACACGGCCAACGTGCTGCGCTTCTGGAGGTGC
 AGTCGCCCAGCGCCACCTTTCACCGGCGAGTTATGGCTGGTCTGTGCCCATCCGCGAAAGCTGGAG
 CAAGTACTTCGTGCCCGACAGCTTTCACAGGCACAGCCTACCCTGTGTACTGCAGCGGCGGCGGCTTC
 CTTATGTCCCGCGCACAGCCCAGGACCTGCGCAGAGCCTCACACCATGTCCCGCTTTTCCCATCGACG
 ACGCCTACATGGGCATGTGTCTGCAGCAGGCGGCTGGCACCCAGCAACCACGAAGGCATCCGGCCCTT
 CGGCGTGCAGTGCCTGACGAAACGCTCATCCTTTGACCCCTGCATGTACCGGAGCTGCTGCTGGTG
 CACCGCTTCGCGCCTTATGAGATGCTGCTCATGTGGAAGGCGCTGCACGACCCGGCGCTGCAGTGTAGCC
 ACAGACAGGATGCAGGCTCCTCCGAGGCCAGAGGGAAATGATCTCCGATGCACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR203735 representing NM_001106211
 Red=Cloning site Green=Tags(s)

MALPCSRRSKTPKTLAFLLVGMTFVVLNQWLLQPEMREKANGSVVTPWSSEAAVLRLPLLAPPCCAANVS
 VDLLDGFQELPARIQDFLRHRHCRFPQLWDAPHKCVGPRGVFLLAVKSSPAHYERRELIRRTWGQERS
 YSGQQVRRFLVGTSSPEEAAREPQLADLLSLEAREHGDVLQWDFKDTFLNLTCLKHLHLLDWTEEHCPGM
 SFLLSCDDDDVFVHTANVLRFLLEVQSPERHLFTGQLMAGSVPIRESWSKYFVPRQLFPGTAYPVYCSGGGF
 LMSRRTAQDLRRASHHVPLFPIDDAYMGMLCQQAGLAPSNHEGIRPFGVQLPGTKRSSFDPCCMYRELLLV
 HRFAPYEMLLMWKALHDPALQCSHRQDAGSPEAR GEMISDAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

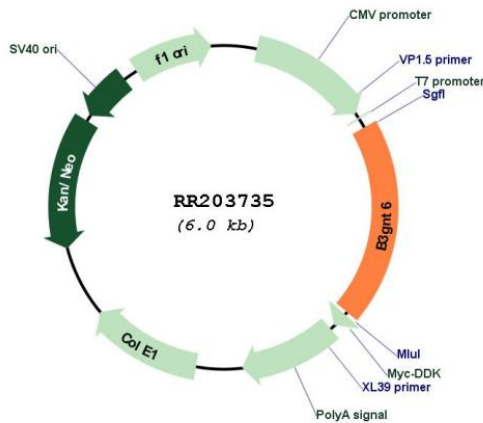
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106211

ORF Size:	1176 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001106211.1 , NP_001099681.1
RefSeq Size:	1594 bp
RefSeq ORF:	1179 bp
Locus ID:	292325
Cytogenetics:	1q32
MW:	44.6 kDa