

Product datasheet for MC212926

B3gnt4 (NM_198611) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: B3gnt4 (NM_198611) Mouse Untagged Clone
Tag: Tag Free
Symbol: B3gnt4
Synonyms: 1010001G17Rik; BGnT-4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212926 representing NM_198611
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTGCCAGGTTGGGCTGTGTGCTGTTCTGCAGTCTTGTGGTACTACTGCTCAGCTGCCTGCTCCTTC
 TGAAGGAGCGCATACCAGCAGGCAGCTCCAAGGCCACCAGCAGTCTTGGCACTGCCAAGTCCCACCA
 TAGCCAGTGCTCACCCAACTAACAGTTGTTAACACCTCCCTGTCCCTGCCAGCCGTATCGCCTCTTC
 TTAACCTATCGACTGCCGAACTTCTCCATCTTGTGGAGCCTTCGGAGTGTGCCAGGGACACCTTCC
 TGCTCCTGGTCATCAAGTACAGCCTGCTCATATTGAACAGCGTTAGCCATTGGAAGCACTTGGGGCCG
 GGCTGGGAGCTGGGCTAGGGGTGCGCAGCTGAAGCTGGTGTTCCTCCTGGGGGTGGCAGGACCTGTGCC
 CCGGCCAGCTGTTGGTCTATGAGAGCTGGCAGTTTGTGACATCTTACAGTGGGACTTTGCTGAGGACT
 TCTTTAACCTGACTCTCAAGGAGCTGCAGTGCAGCGCTGGATCGCAGCTGCCTGCACACAGGCCCACTT
 CATACTAAAGGGAGACGATGACGTCTTTATCCATGTTCCCAATGTGCTCGAGTCTTGGAGGGCTGGGAT
 CCGGCCAGGACTTCTAGTGGGAGATGTATTTCGCTTGGCCCGCCCAACAGGAACACCAAAGTTAAAT
 ATTTTCATCCCGTTTTCCATGTACAGGGCCCGCCACTACCCACTTATGCAGGAGGCGCGCTACGTCAT
 GTCCAGGCTACTGTGAGGCATCTTACATGGCCATGGAGGAGGAGAGCTCTTTCTATTGACGATGTC
 TTTGTGGGATGTGCTGAGGAAGCTGGGGTACTCCCATACCCATGTGGCTTCAAGACATTTGGAA
 TCCAACAGCCCCTCAATCCAGGGACCCTTGTCTGTACAAAGGGCTCCTGCTGGTGCACCGTCTCAGCCC
 CCTGGAGATGTGGACCATGTGGGCGCTGGTACAGATGAGAGGCTTAAGTGTGCAGCTACCCACAAGCCC
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_198611



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Insert Size:	1053 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_198611.2</u> , <u>NP_941013.2</u>
RefSeq Size:	1423 bp
RefSeq ORF:	1053 bp
Locus ID:	231727
UniProt ID:	<u>Q1RLK6</u>
Cytogenetics:	5 F
Gene Summary:	Beta-1,3-N-acetylglucosaminyltransferase involved in the synthesis of poly-N-acetyllactosamine. Has activity for type 2 oligosaccharides.[UniProtKB/Swiss-Prot Function]