

Product datasheet for **SC210253**

B4GALT4 (NM_003778) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: B4GALT4 (NM_003778) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: B4GALT4
Synonyms: B4Gal-T4; beta4Gal-T4
ACCN: NM_003778
Insert Size: 837 bp
Insert Sequence: >SC210253 3'UTR clone of NM_003778
The sequence shown below is from the reference sequence of NM_003778. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCACAGTGGATTCTGGTTTGGTGCATGACCCCTGGGTCTTTTGGTGATGTTTGAAGAAGTATTCTT
TGTTTGCATAATTTTGGCCTAGAGACTTCAAATAGTAGCACACATTAAGAACCTGTTACAGCTCATTG
TTGAGCTGAATTTTCTTTTGTATTTTCTTAGCAGAGCTCCTGGTGATGTAGAGTATAAACAGTTG
TAACAAGACAGCTTTCTTAGTCATTTTGTATCATGAGGGTTAAATATTGTAATATGGATACTTGAAGGAC
TTTATATAAAAGGATGACTCAAAGGATAAAATGAACGCTATTTGAGGACTCTGGTTGAAGGAGATTAT
TTAAATTTGAAGTAATATATTATGGGATAAAAGGCCACAGGAAATAAGACTGCTGAATGTCTGAGAGAA
CCAGAGTTGTTCTCGTCCAAGGTAGAAAGGTACGAAGATAACAATACTGTTATTCTTTATCCTGTACAA
TCATCTGTGAAGTGGTGGTGTGAGGTGAGAAGGCGTCCACAAAAGAGGGGAGAAAAGGCCAGCAATCAG
GACACAGTGAAGTGGGAATGAAGAGGTAGCAGGAGGGTGGAGTGTGCGCTGCAAAGGCAGCAGTAGCT
GAGCTGGTTGCAGCTGCTGATAGCCTTCAGGGGAGGACCTGCCAGGTATGCCTTCCAGTGATGCCAC
CAGAGAATACATTCTCTATTAGTTTTTAAAGAGTTTTTGTAAAATGATTTTGTACAAGTAGGATATGAA
TTAGCAGTTTACAAGTTTACATATTAATAATAAATATGTCTATCAAATACCTCTGTAGTAAATG
TGAAAAAGC
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_003778.4
Summary:	This gene is one of seven beta-1,4-galactosyltransferase (beta4GalT) genes. They encode type II membrane-bound glycoproteins that appear to have exclusive specificity for the donor substrate UDP-galactose; all transfer galactose in a beta1,4 linkage to similar acceptor sugars: GlcNAc, Glc, and Xyl. Each beta4GalT has a distinct function in the biosynthesis of different glycoconjugates and saccharide structures. As type II membrane proteins, they have an N-terminal hydrophobic signal sequence that directs the protein to the Golgi apparatus and which then remains uncleaved to function as a transmembrane anchor. By sequence similarity, the beta4GalTs form four groups: beta4GalT1 and beta4GalT2, beta4GalT3 and beta4GalT4, beta4GalT5 and beta4GalT6, and beta4GalT7. The enzyme encoded by this gene appears to mainly play a role in glycolipid biosynthesis. Two alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	8702
MW:	32.4