

Product datasheet for **SC216401**

B3GALT6 (NM_080605) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	B3GALT6 (NM_080605) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	B3GALT6
Synonyms:	ALGAZ; beta3GalT6; EDSP2; EDSSPD2; SEMDJL1
ACCN:	NM_080605
Insert Size:	1803 bp



[View online »](#)

Insert Sequence: >SC216401 3'UTR clone of NM_080605
 The sequence shown below is from the reference sequence of NM_080605. 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
TGCTGCCAGAGAAGGGAGGGCATCCCCGAGCCGCGCGCCCGGCCCTCCGGGACACCTGCCTCACCC
GGCGGGCCTTGGGGCAGGTGCCGAGCGGGGCGACTACGCCCGGGCCCAAGGCCCCCGTCCCGCAGCC
ACGCTTGTGGTCGCTGCGTCCCGGTCTGCGTTTGGGAGACCCCTGGGGTTGCCGGGGCAGCGCGCCGT
GTCCAGGTGGAGGTGCCCGTTCTTGACCTCAGCGAGCCTGAGCCGGGCCCGGCCGACGCTGACCCCC
GTGCTGTCCCGACCGGCTCACGGGGTGGGCTCCGATCTTCCGTGTCTTATCAGTGGCGTTTCTCA
CGTCTGCGTCTCAGATCTAACGTGGTTTACATCAATCCGCTTTCATGGGATTTTGGTCTGTCCAGT
GACTTCGTGGTAAATGTAACCTCAGTGTGTTGCTTGCAGTATTTATAAATATTGTAAGTTTGTGTCGAT
GAGTGTAAAGTTGGCAGTGCACGCTCTCGGTTTTTTACATGATTTAAGGAAAGACTTTTATGTCAGAA
CTTGGTGCCTGTACCGTCAACCCCGCTGCTGCCGTGTTTAAACGCAGGAGAAGTTTAAACTGGCCAT
CTATCTTTTTCAGTGTACAAGTCACTGAACCCATTGTTTCTTTCTGAAGAGACTTTCCTTTCAAGGCTTC
CCATGGGTCCGCGCCACACAGGGCCGGTGTGCTTTATTTAGACTCTGCCCCAGGTTCCAGGAATCCG
AACCCCGAGTGTGACGCGGTTCCCAACTTCCGCTTAAGAAAACAGGACCAGCCGGCACCAGGCC
GTCTCTCACGTAATTAACACATCTTGAAGCCCTCGTTTAAAGAAAACAGGAACTGCGGTCCCT
TGCCAAAGTAAATGAAGCTGCCCGAGGACAAGGGTTACCATGAGTCCCTGGAGTCCGACGCGGGTT
TTCTCTCTGGGGACCTGGTGGTCCCCGCTGTGGTCTTTGTTGCCACTTTGGGACCGGTTCCAGTC
TGGGGTCTAGTCTCGAGCATCAGGGTCAGGCTCGGGCAGGGCTGGGTTAGGCTCCGGTCAGTCTTGC
CATGGGTTTGGGAGCAGGTTTGGGTTACTTGCCTTTGAAGGCAGCAGTGGTCTCAGGAGGAAGAAACGG
GGCGGGAGAGAGTGGTATCTGTGGTCAAGTGGTCAAGTACCTGCACCGTGATTCTCCACCTCCAAA
AGGTAGGGGTGGGACTGGAGGCGTCCCTAGGTCAGGCCGTTGAGTTCGAGCTCCGATGGGCCACCTTGA
ATCCAGGACTGACCGCCCGTGTGTGCACAGTTTGTCTTGGACGAGGACTCGTGAGGATCGAGGGCTGG
GGACCCCGGTGTGAGCAGGATGGGGCCCTGCCCTCCCGTGGGAGTTGTGGACTCGAGCCAGGGGCTGC
CCGTACACGCGGTGTCCAGGTCCTGCCATCCGATTTTACCTGGGATGTCTTCTGAGTGTGGAAAT
TGCTTGAGGAACCCTGCGTGTGCTTGGAGAGGCCAGAGGGCTTGTGAGAACCCATGGACAGTGGAGA
GCGGGATTGCAACCAAGGCTGGACTCCACACCTCTGGCCTGCGTCGCCAGTTCTTTGTGGCTCTGA
AGAATTGGCCGCTGTGAAAAGAGCAAATGTCCGAGACCCCAACAGGAAGAGTCTAAAAATCCAGTTT
GCAACCACTTCTGACCTACAAAAAATGAAATTTAGTGTTTTTTACGCTAAGACATTAATTTTCATAT
CAGAACAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).

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_080605.4](#)

Summary: The enzyme encoded by this intronless gene is a beta-1,3-galactosyltransferase found in the medial Golgi apparatus, where it catalyzes the transfer of galactose from UDP-galactose to substrates containing a terminal beta-linked galactose moiety. The encoded enzyme has a particular affinity for galactose-beta-1,4-xylose found in the linker region of glycosamines. This enzyme is required for glycosaminoglycan synthesis. [provided by RefSeq, Jun 2013]

Locus ID: 126792

MW: 65.5