

## Product datasheet for **SC203884**

### **B3GAT2 (NM\_080742) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	B3GAT2 (NM_080742) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	B3GAT2
Synonyms:	GLCATS
ACCN:	NM_080742
Insert Size:	2000 bp



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**Insert Sequence:** >SC203884 3'UTR clone of NM\_080742  
 The sequence shown below is from the reference sequence of NM\_080742. 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
CACCTGGACACAGTGAAAATTGAGGTATAAATTGAAGCAGCAACTGGTGCAGTTTGTCCAGCCAGTGG
TCCATATGGAAGAGGATGTTTGGAGTTTAGGCTACAGAGCATTAGGTATTGTTTGTCTTACTTCAGTA
CAGCAGCCTTTCTGTCTGATGGACATCTGTTTAAATGGAGCTTGTGAGTTAACATAAGCTAATTG
GATGGTTGGTACAAAATGTATGTTTGTCTTCTTCTGATGTTTCTCTACAACAATAAATG
GAAGATTTTTGTACAGTGCAGTACTGCAAGATACCACTCTTGAGTATATTTTTTCTTTTCTCC
AATTTGCCCTTAATTGGTAGACTTGAACAGGTTGGTAGACTTGAACAGTTTTTAAAACAGACAAGT
ATTTTGTGAGCTAAACGTTCTGATGATCCTGACTTTGCAACTAAGTAATTTTTGGAAGTTAGTG
GCAGTATACATCATAGGAAATAAAAACCCACAAATGAAAAGGTCTATGGAGTCATGTTAATGTAGGGA
AATAACATTTTGTCAATACTAGGCACCATAAAATGTAAACACAATTACTGTCATAAACCTAGATATACC
TTCAAGGATTGAAGATTGAAAGTGGCTTTGTTTAGTTAGTTACCTGTTTGCATATAGTGCAGAAAAA
GGTCTTCATGTTAGCACTATGTACATTAAGAAGAGATCCAAATACAAGAGAGGCAGATAAAATTTGAA
TTCTTTAAGCATTCAATAACGAAGTTTGGAGTAACATCCACGTTTATCTTCTTTCACATAACACGT
TCCCTGTTAAGCACATCATAACAACAGCACAGTGAAGTGAATGATGAAAATAGAGCATTGATACACT
AGAAAACAGTGCTCAGTGAGACATTTACATTCTATTTATGATTAACATTTGATCATAACAGTACCTT
CTACAGGATTACTGGCTAATTTTGGGGTGGGGTTATACTATTAGAGGTATTACTAACATGATAACTA
CTTCCCTTATATGCAAACATTAGAGCTATAATTTTATTGAGAGGAAAACGATTTTCAAGTTGAGCAG
CTTCTCAAATAATGCAGTACATGAAATCATGGGAAATATGAGCAAAGCTGCCCTTGACATAAAATGATT
TATCAACCTGCTTTTACCACATCAAATGAATCAGTACAGACCAACACGGTCAATCAGATCATTCTTA
ATATGAACAAATGGGTAAAAAGAAAAAATATGCATATGAATAAACAGGGGAACTAGATGCGTTTCAG
CAAGGAATGTCAGGTGGTAGTTCTGGATGAAACTTGATTGCAGTTTTTCAATTTCCACAGTTGTGTCTG
AGAGTCTGACCTGATGAGCTTCCAGACCATCCTGCTGTTGTGCTGGAGGGCTGGCCAAAACCTGCAGTA
GGGTTGCACTACTGATACTCATGCCAGCCATCTGCTGATTCATCTGTGAAACATATAAAAGGCTTAGT
TCAAGAGGCTTACTTCACTTTTAAATCTGTTTCTTTAGCCACACAGTTGGTCATTTTTTTCATTAATGT
GACAACTAGTCCAAGCACTGGAATAAAAACAGAGTACCATACAAATATTTCTTAAAGCAATAGCTACT
TTGTTCCCTTCTTATCTACTTTCTAGATACAGTTTCCCAAAGATTAACCACAACCTACTTAAAAAAA
AATACCAAGCAATCTTGGGATTTAATGAGTCCGCTACTCTAACTAATTTACCTACACTAGGATAT
TGTGCTTAACTACTAAGGAGTAAGAAAATTTAGGAAGTAAAATAGTCTAAAATATCCTATAAATTT
TGTATGATAGATATTATCTCTATTAATAATCTTATATACTTCTAAATATTTTTAAAGTGGTCATAAAG
CATTTATTTCTCTCGCTGATCTAACAACATAAACATCTAAATTTATTTTCATTGTATGCAATAAAGC
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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\\_080742.3](#)

**Summary:** The product of this gene is a transmembrane protein belonging to the glucuronyltransferase family, and catalyzes the transfer of a beta-1,3 linked glucuronic acid to a terminal galactose in different glycoproteins or glycolipids containing a Gal-beta-1-4GlcNAc or Gal-beta-1-3GlcNAc residue. The encoded protein is involved in the synthesis of the human natural killer-1 (HNK-1) carbohydrate epitope, a sulfated trisaccharide implicated in cellular migration and adhesion in the nervous system. [provided by RefSeq, Jul 2008]

**Locus ID:** 135152

**MW:** 77.3