

## Product datasheet for **RC224329L3V**

### **B3GAT2 (NM\_080742) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	B3GAT2 (NM_080742) Human Tagged ORF Clone Lentiviral Particle
Symbol:	B3GAT2
Synonyms:	GLCATS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_080742
ORF Size:	969 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224329).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_080742.1</a>
RefSeq Size:	972 bp
RefSeq ORF:	972 bp
Locus ID:	135152
UniProt ID:	<a href="#">Q9NPZ5</a>
Cytogenetics:	6q13
Domains:	Glyco_transf_43
Protein Families:	Transmembrane



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**Protein Pathways:** Chondroitin sulfate biosynthesis, Heparan sulfate biosynthesis, Metabolic pathways

**MW:** 36.7 kDa

**Gene 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]