

## Product datasheet for **RC203223L4V**

### **B3GAT3 (NM\_012200) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	B3GAT3 (NM_012200) Human Tagged ORF Clone Lentiviral Particle
Symbol:	B3GAT3
Synonyms:	GLCATI; glcUAT-I; JDSCD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012200
ORF Size:	1005 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203223).
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_012200.2</a>
RefSeq Size:	1456 bp
RefSeq ORF:	1008 bp
Locus ID:	26229
UniProt ID:	<a href="#">O94766</a>
Cytogenetics:	11q12.3
Domains:	Glyco_transf_43
Protein Families:	Transmembrane



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

**MW:** 36.9 kDa

**Gene Summary:** The protein encoded by this gene is a member of the glucuronyltransferase gene family, enzymes that exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product catalyzes the formation of the glycosaminoglycan-protein linkage by way of a glucuronyl transfer reaction in the final step of the biosynthesis of the linkage region of proteoglycans. A pseudogene of this gene has been identified on chromosome 3. [provided by RefSeq, Dec 2013]