

## Product datasheet for **RC209884L4V**

### **B3GALTL (B3GLCT) (NM\_194318) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	B3GALTL (B3GLCT) (NM_194318) Human Tagged ORF Clone Lentiviral Particle
Symbol:	B3GALTL
Synonyms:	B3GALTL; B3Glc-T; B3GTL; beta3Glc-T; Gal-T
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_194318
ORF Size:	1494 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209884).
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_194318.2</a> , <a href="#">NP_919299.2</a>
RefSeq Size:	4221 bp
RefSeq ORF:	1497 bp
Locus ID:	145173
UniProt ID:	<a href="#">Q6Y288</a>
Cytogenetics:	13q12.3
Protein Families:	Transmembrane
MW:	56.6 kDa



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**Gene Summary:**

The protein encoded by this gene is a beta-1,3-glucosyltransferase that transfers glucose to O-linked fucosylglycans on thrombospondin type-1 repeats (TSRs) of several proteins. The encoded protein is a type II membrane protein. Defects in this gene are a cause of Peters-plus syndrome (PPS).[provided by RefSeq, Mar 2009]