

## Product datasheet for **MR204527L4V**

### **C1galt1c1 (NM\_021550) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	C1galt1c1 (NM_021550) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	C1galt1c1
Synonyms:	1500002I11Rik; AB030184; C1GalT2; C81205; Cosmc
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021550
ORF Size:	951 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204527).
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_021550.2</a>
RefSeq Size:	1507 bp
RefSeq ORF:	951 bp
Locus ID:	59048
UniProt ID:	<a href="#">Q9JMG2</a>
Cytogenetics:	X A3.3



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**Gene Summary:**

Probable chaperone required for the generation of 1 O-glycan Gal-beta1-3GalNAc-alpha1-Ser/Thr (T antigen), which is a precursor for many extended O-glycans in glycoproteins. Probably acts as a specific molecular chaperone assisting the folding/stability of core 1 beta-3-galactosyltransferase (C1GALT1) (By similarity).[UniProtKB/Swiss-Prot Function]