

Product datasheet for **MR209460L4V**

Colgalt1 (NM_146211) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Colgalt1
Synonyms:	2810024B22Rik; Glt25d1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_146211
ORF Size:	1851 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR209460).

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. [More info](#)

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:	NM_146211.1
RefSeq Size:	3189 bp
RefSeq ORF:	1854 bp
Locus ID:	234407
UniProt ID:	Q8K297
Cytogenetics:	8 B3.3



Gene Summary:

Beta-galactosyltransferase that transfers beta-galactose to hydroxylysine residues of type I collagen. By acting on collagen glycosylation, facilitates the formation of collagen triple helix. Also involved in the biosynthesis of collagen type IV.[UniProtKB/Swiss-Prot Function]