

Product datasheet for **MR205570L3V**

C1galt1 (NM_052993) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C1galt1 (NM_052993) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	C1galt1
Synonyms:	2210410E06Rik; AV284120; T-synthase
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_052993
ORF Size:	1092 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205570).
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_052993.2 , NP_443719.2
RefSeq Size:	2084 bp
RefSeq ORF:	1092 bp
Locus ID:	94192
UniProt ID:	Q9J106
Cytogenetics:	6 A1



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Gene Summary:

Glycosyltransferase that generates the core 1 O-glycan Gal-beta1-3GalNAc-alpha1-Ser/Thr (T antigen), which is a precursor for many extended O-glycans in glycoproteins. Plays a central role in many processes, such as angiogenesis, thrombopoiesis and kidney homeostasis development.[UniProtKB/Swiss-Prot Function]