

Product datasheet for **MR206243L4V**

Gcnt3 (NM_028087) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gcnt3 (NM_028087) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gcnt3
Synonyms:	2010013H22Rik; 2210021I22Rik; 2210401J11Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028087
ORF Size:	1197 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206243).
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_028087.2
RefSeq Size:	4301 bp
RefSeq ORF:	1314 bp
Locus ID:	72077
UniProt ID:	Q5JCT0
Cytogenetics:	9 D



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Gene Summary:

Glycosyltransferase that can synthesize all known mucin beta 6 N-acetylglucosaminides. Mediates core 2 and core 4 O-glycan branching, 2 important steps in mucin-type biosynthesis. Has also I-branching enzyme activity by converting linear into branched poly-N-acetyllactosaminoglycans, leading to introduce the blood group I antigen during embryonic development.[UniProtKB/Swiss-Prot Function]