

Product datasheet for **MR200936L4V**

Lalba (NM_010679) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lalba (NM_010679) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Lalba
Synonyms:	AW208827; Lyzg
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010679
ORF Size:	432 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200936).
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_010679.1 , NP_034809.1
RefSeq Size:	733 bp
RefSeq ORF:	432 bp
Locus ID:	16770
UniProt ID:	P29752
Cytogenetics:	15 F1



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Gene Summary:

Regulatory subunit of lactose synthase, changes the substrate specificity of galactosyltransferase in the mammary gland making glucose a good acceptor substrate for this enzyme. This enables LS to synthesize lactose, the major carbohydrate component of milk. In other tissues, galactosyltransferase transfers galactose onto the N-acetylglucosamine of the oligosaccharide chains in glycoproteins.[UniProtKB/Swiss-Prot Function]