

## OriGene Technologies, Inc.

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## Product datasheet for MR223563L4V

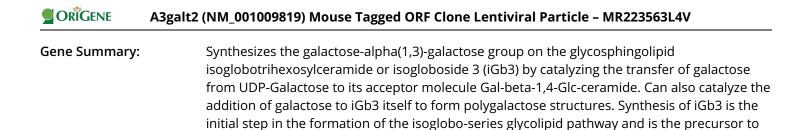
## A3galt2 (NM\_001009819) Mouse Tagged ORF Clone Lentiviral Particle

## **Product data:**

| Product Type:                | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:                | A3galt2 (NM_001009819) Mouse Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                         |
| Symbol:                      | A3galt2                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Synonyms:                    | Gm433; iGb3; iGb3S                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Mammalian Cell<br>Selection: | Puromycin                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vector:                      | pLenti-C-mGFP-P2A-Puro (PS100093)                                                                                                                                                                                                                                                                                                                                                                                                         |
| Tag:                         | mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ACCN:                        | NM_001009819                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ORF Size:                    | 1110 bp                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Nucleotide<br>Sequence:  | The ORF insert of this clone is exactly the same as(MR223563).                                                                                                                                                                                                                                                                                                                                                                            |
| 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. <u>More info</u> |
| 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:                      | <u>NM 001009819.2, NP 001009819.1</u>                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq Size:                 | 3390 bp                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RefSeq ORF:                  | 1113 bp                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Locus ID:                    | 215493                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt ID:                  | <u>Q3V1N9</u>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:                | 4 D2.2                                                                                                                                                                                                                                                                                                                                                                                                                                    |



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glycosphingolipids.[UniProtKB/Swiss-Prot Function]

isogloboside 4 (iGb4) and isoForssman glycolipids. Can glycosylate only lipids and not

proteins and is solely responsible for initiating the synthesis of isoglobo-series

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