

Product datasheet for **MR223745L4V**

Gcnt1 (NM_010265) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Gcnt1 (NM_010265) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Gcnt1 |
| Synonyms: | 5630400D21Rik; B130048E03; C2 GlcNAcT; C2GNT; IGnT |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_010265 |
| ORF Size: | 1284 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR223745). |
| 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_010265.3 , NP_034395.4 |
| RefSeq Size: | 4580 bp |
| RefSeq ORF: | 1287 bp |
| Locus ID: | 14537 |
| UniProt ID: | Q09324 |
| Cytogenetics: | 19 12.75 cM |



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Gene Summary:

Glycosyltransferase that catalyzes the transfer of an N-acetylglucosamine moiety onto mucin-type core 1 O-glycan to form the branched mucin-type core 2 O-glycan. Mucin-type core 2 O-glycans play an important role in leukocyte extravasation as they serve as scaffolds for the display of the selectin ligand sialyl Lewis X by leukocytes.[UniProtKB/Swiss-Prot Function]