

## Product datasheet for **RC210442L1V**

### UGT8 (NM\_003360) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | UGT8 (NM_003360) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | UGT8   |
| Synonyms:                 | CGT; UGT4  |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-Myc-DDK (PS100064)  |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_003360  |
| ORF Size:                 | 1623 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC210442).   |
| 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. <a href="#">More info</a> |
| 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:                   | <a href="#">NM_003360.2</a>  |
| RefSeq Size:              | 2448 bp  |
| RefSeq ORF:               | 1626 bp  |
| Locus ID:                 | 7368   |
| UniProt ID:               | <a href="#">Q16880</a>   |
| Cytogenetics:             | 4q26   |
| Domains:                  | UDPGT  |
| Protein Families:         | Transmembrane  |



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**Protein Pathways:** Metabolic pathways, Sphingolipid metabolism

**MW:** 61.3 kDa

**Gene Summary:** The protein encoded by this gene belongs to the UDP-glycosyltransferase family. It catalyzes the transfer of galactose to ceramide, a key enzymatic step in the biosynthesis of galactocerebrosides, which are abundant sphingolipids of the myelin membrane of the central and peripheral nervous systems. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2011]