

Product datasheet for **MR208466L4V**

Ugt2a1 (NM_053184) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Ugt2a1 (NM_053184) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Ugt2a1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_053184 |
| ORF Size: | 1587 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR208466). |
| 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_053184.2 , NP_444414.2 |
| RefSeq Size: | 2597 bp |
| RefSeq ORF: | 1587 bp |
| Locus ID: | 94215 |
| UniProt ID: | Q80X89 |
| Cytogenetics: | 5 E1 |



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Gene Summary:

UDP-glucuronosyltransferases catalyze phase II biotransformation reactions in which lipophilic substrates are conjugated with glucuronic acid to increase water solubility and enhance excretion. They are of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. Active on odorants and seems to be involved in olfaction; it could help clear lipophilic odorant molecules from the sensory epithelium.[UniProtKB/Swiss-Prot Function]