

Product datasheet for **MR224092L3V**

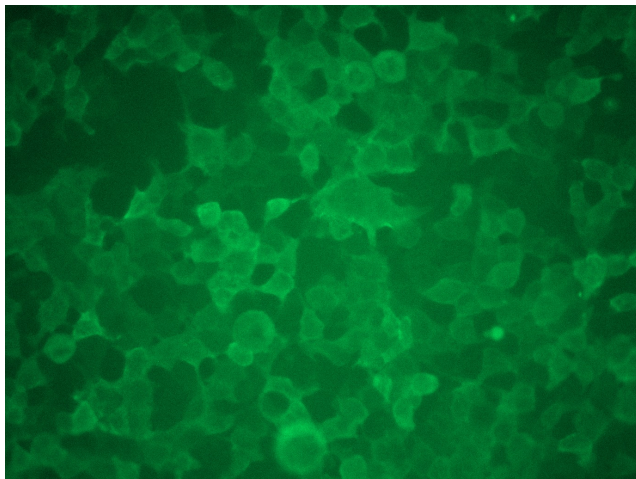
Cyp7a1 (NM_007824) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|----------------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Cyp7a1 (NM_007824) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Cyp7a1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_007824 |
| ORF Size: | 1509 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR224092). |
| 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_007824.2 |
| RefSeq Size: | 4172 bp |
| RefSeq ORF: | 1512 bp |
| Locus ID: | 13122 |
| UniProt ID: | Q64505 |
| Cytogenetics: | 4 A1 |
| Gene Summary: | Catalyzes a rate-limiting step in cholesterol catabolism and bile acid biosynthesis by introducing a hydrophilic moiety at position 7 of cholesterol. Important for cholesterol homeostasis.[UniProtKB/Swiss-Prot Function] |



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Product images:

[MR224092L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR224092L3V particle to overexpress human Cyp7a1-Myc-DDK fusion protein.