

## Product datasheet for **MR224484L4V**

### Cyp24a1 (NM\_009996) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cyp24a1 (NM_009996) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cyp24a1
Synonyms:	24-OH; 24-OHase; CP2; CP24; Cyp2; Cyp24
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009996
ORF Size:	1545 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224484).
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_009996.3</a> , <a href="#">NP_034126.1</a>
RefSeq Size:	3296 bp
RefSeq ORF:	1545 bp
Locus ID:	13081
UniProt ID:	<a href="#">Q64441</a>
Cytogenetics:	2 91.91 cM



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**Gene Summary:**

The protein encoded by this gene localizes to the mitochondrion, where it degrades calcitriol to calcitetrol. This gene is upregulated by binding of calcitriol to the upstream regulatory region and to a downstream enhancer region, thereby allowing calcitriol to autoregulate its concentration in the cell. The encoded protein may also play a role in calcium homeostasis. [provided by RefSeq, Aug 2015]