

## Product datasheet for **MR214072L4V**

### Cyp2w1 (NM\_001160265) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cyp2w1 (NM_001160265) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cyp2w1
Synonyms:	Gm455
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001160265
ORF Size:	1479 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR214072).
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_001160265.1</a>
RefSeq Size:	1512 bp
RefSeq ORF:	1482 bp
Locus ID:	545817
UniProt ID:	<a href="#">E9Q816</a>
Cytogenetics:	5 G2



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**Gene Summary:**

Seems to have broad catalytic activity towards several chemicals, including polycyclic aromatic hydrocarbon dihydrodiols and aromatic amines. Active also in the metabolism of indoline substrates and is able to activate aflatoxin B1 into cytotoxic products. Furthermore, it seems to be involved in the oxydation of lysophospholipids and fatty acids.[UniProtKB/Swiss-Prot Function]