

Product datasheet for **MR207859L4V**

Cyp2f2 (NM_007817) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Cyp2f2
Synonyms:	Cyp2f
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007817
ORF Size:	1473 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR207859).

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_007817.2 , NP_031843.2
RefSeq Size:	1842 bp
RefSeq ORF:	1476 bp
Locus ID:	13107
UniProt ID:	P33267
Cytogenetics:	7 A3



Gene Summary:

Involved in the regio- and stereoselective transformation of naphthalene to trans-1R-hydroxy-2R-glutathionyl-1,2-dihydronaphthalene in the presence of glutathione and glutathione S-transferases. It specifically catalyzes the production of a very reactive and potentially toxic intermediate, the 2R,2S arene oxide, that is associated with necrosis of the unciliated bronchiolar epithelial cells or Clara cells in lung.[UniProtKB/Swiss-Prot Function]