

Product datasheet for **RR208359L4V**

Cyp7a1 (NM_012942) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cyp7a1 (NM_012942) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Cyp7a1
Synonyms:	CHAP; CYP7; CYP7S1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012942
ORF Size:	1509 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR208359).
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_012942.2 , NP_037074.1
RefSeq Size:	3544 bp
RefSeq ORF:	1512 bp
Locus ID:	25428
UniProt ID:	P18125
Cytogenetics:	5q12
Gene Summary:	catalyzes the conversion of cholesterol, NADPH, and oxygen to 7-alpha-hydroxycholesterol, NADP(+) and water; plays a role in bile acid biosynthesis and cholesterol metabolism [RGD, Feb 2006]



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