

## Product datasheet for **RR207387L4V**

### Hsd3b3 (NM\_001042619) Rat Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Hsd3b3 (NM_001042619) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Hsd3b3
Synonyms:	Hsd3b
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001042619
ORF Size:	1119 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR207387).
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_001042619.1</a> , <a href="#">NP_001036084.1</a>
RefSeq Size:	1629 bp
RefSeq ORF:	1122 bp
Locus ID:	682974
UniProt ID:	<a href="#">P22072</a>
Cytogenetics:	2q34



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**Gene Summary:**

3-beta-HSD is a bifunctional enzyme, that catalyzes the oxidative conversion of Delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids. [UniProtKB/Swiss-Prot Function]