

## Product datasheet for **RC209534L3V**

### HSD17B7 (NM\_016371) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HSD17B7 (NM_016371) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HSD17B7
Synonyms:	PRAP; SDR37C1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016371
ORF Size:	1023 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209534).
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_016371.2</a>
RefSeq Size:	1533 bp
RefSeq ORF:	1026 bp
Locus ID:	51478
UniProt ID:	<a href="#">P56937</a>
Cytogenetics:	1q23.3
Domains:	adh_short
Protein Families:	Druggable Genome



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**Protein Pathways:** Androgen and estrogen metabolism, Metabolic pathways, Steroid biosynthesis

**MW:** 38.2 kDa

**Gene Summary:** HSD17B7 encodes an enzyme that functions both as a 17-beta-hydroxysteroid dehydrogenase (EC 1.1.1.62) in the biosynthesis of sex steroids and as a 3-ketosteroid reductase (EC 1.1.1.270) in the biosynthesis of cholesterol (Marijanovic et al., 2003 [PubMed 12829805]).[supplied by OMIM, May 2010]