

## Product datasheet for **RC204701L1V**

### **HSD17B6 (NM\_003725) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	HSD17B6 (NM_003725) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HSD17B6
Synonyms:	HSE; RODH; SDR9C6
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003725
ORF Size:	951 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204701).
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_003725.2</a>
RefSeq Size:	1629 bp
RefSeq ORF:	954 bp
Locus ID:	8630
UniProt ID:	<a href="#">O14756</a>
Cytogenetics:	12q13.3
Domains:	adh_short
Protein Families:	Druggable Genome



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**MW:** 36 kDa

**Gene Summary:** The protein encoded by this gene has both oxidoreductase and epimerase activities and is involved in androgen catabolism. The oxidoreductase activity can convert 3 alpha-adiol to dihydrotestosterone, while the epimerase activity can convert androsterone to epi-androsterone. Both reactions use NAD<sup>+</sup> as the preferred cofactor. This gene is a member of the retinol dehydrogenase family. [provided by RefSeq, Aug 2013]