

Product datasheet for **RC203806L4V**

HSD17B8 (NM_014234) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HSD17B8 (NM_014234) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HSD17B8
Synonyms:	D6S2245E; dj1033B10.9; FABG; FABGL; H2-KE6; HKE6; KE6; RING2; SDR30C1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014234
ORF Size:	783 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203806).
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_014234.3
RefSeq Size:	1002 bp
RefSeq ORF:	786 bp
Locus ID:	7923
UniProt ID:	Q92506
Cytogenetics:	6p21.32
Protein Families:	Druggable Genome
Protein Pathways:	Androgen and estrogen metabolism, Metabolic pathways



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MW: 27 kDa

Gene Summary: In mice, the Ke6 protein is a 17-beta-hydroxysteroid dehydrogenase that can regulate the concentration of biologically active estrogens and androgens. It is preferentially an oxidative enzyme and inactivates estradiol, testosterone, and dihydrotestosterone. However, the enzyme has some reductive activity and can synthesize estradiol from estrone. The protein encoded by this gene is similar to Ke6 and is a member of the short-chain dehydrogenase superfamily. An alternatively spliced transcript of this gene has been detected, but the full-length nature of this variant has not been determined. [provided by RefSeq, Jul 2008]