

Product datasheet for **RC202385L4V**

HSD17B12 (NM_016142) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HSD17B12 (NM_016142) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HSD17B12
Synonyms:	KAR; SDR12C1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016142
ORF Size:	936 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202385).
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_016142.2
RefSeq Size:	2556 bp
RefSeq ORF:	939 bp
Locus ID:	51144
UniProt ID:	Q53GQ0
Cytogenetics:	11p11.2
Domains:	adh_short
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways:	Androgen and estrogen metabolism, Biosynthesis of unsaturated fatty acids, Metabolic pathways
MW:	34.3 kDa
Gene Summary:	This gene encodes a very important 17beta-hydroxysteroid dehydrogenase (17beta-HSD) that converts estrone into estradiol in ovarian tissue. This enzyme is also involved in fatty acid elongation. [provided by RefSeq, Oct 2011]