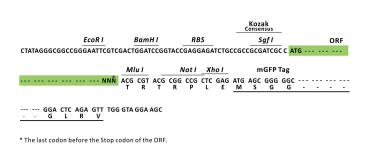


Product datasheet for RR213495L4

Hsd17b11 (NM_001004209) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids Product Name: Hsd17b11 (NM_001004209) Rat Tagged Lenti ORF Clone Tag: mGFP Symbol: Hsd17b11 Dhrs8 Synonyms: Mammalian Cell Puromycin Selection: Vector: pLenti-C-mGFP-P2A-Puro (PS100093) E. coli Selection: Chloramphenicol (34 ug/mL) The ORF insert of this clone is exactly the same as(RR213495). **ORF** Nucleotide Sequence: **Restriction Sites:** Sgfl-Mlul **Cloning Scheme:** Cloning sites used for ORF Shuttling: ORF Sqf I Mlu I --- GCG ATC GC C ATG --- //--- NNN ACG CGT ---



ACCN: ORF Size: NM_001004209 894 bp

OriGene Technologies, Inc.

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ORIGENE Hsd17k	o11 (NM_001004209) Rat Tagged Lenti ORF Clone – RR213495L4
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 001004209.1, NP 001004209.1</u>
RefSeq Size:	1622 bp
RefSeq ORF:	897 bp
Locus ID:	289456
UniProt ID:	Q6AYS8
Cytogenetics:	14p22
Gene Summary:	Can convert androstan-3-alpha,17-beta-diol (3-alpha-diol) to androsterone in vitro, suggesting that it may participate in androgen metabolism during steroidogenesis. May act by metabolizing compounds that stimulate steroid synthesis and/or by generating metabolites that inhibit it. Has no activity toward DHEA (dehydroepiandrosterone), or A-dione (4-androste- 3,17-dione), and only a slight activity toward testosterone to A-dione.[UniProtKB/Swiss-Prot Function]

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