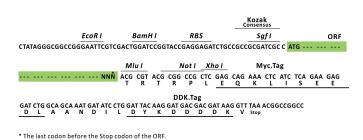


Product datasheet for RC204497L1

HSD3B1 (NM_000862) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids Product Name: HSD3B1 (NM 000862) Human Tagged Lenti ORF Clone Tag: Myc-DDK Symbol: HSD3B1 Synonyms: 3BETAHSD; HSD3B; HSDB3; HSDB3A; SDR11E1 **Mammalian Cell** None Selection: Vector: pLenti-C-Myc-DDK (PS100064) E. coli Selection: Chloramphenicol (34 ug/mL) The ORF insert of this clone is exactly the same as(RC204497). **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:



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NM_000862

1119 bp

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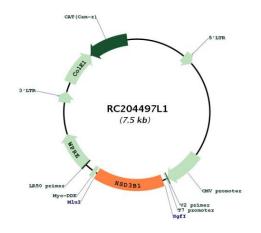
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

GRIGENE HSD3B	1 (NM_000862) Human Tagged Lenti ORF Clone – RC204497L1
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 000862.2</u>
RefSeq Size:	1689 bp
RefSeq ORF:	1122 bp
Locus ID:	3283
UniProt ID:	<u>P14060</u>
Cytogenetics:	1p12
Domains:	3Beta_HSD
Protein Families:	Transmembrane
Protein Pathways:	Androgen and estrogen metabolism, C21-Steroid hormone metabolism, Metabolic pathways
MW:	42.3 kDa
Gene Summary:	The protein encoded by this gene is an enzyme that catalyzes the oxidative conversion of delta-5-3-beta-hydroxysteroid precursors into delta-4-ketosteroids, which leads to the production of all classes of steroid hormones. The encoded protein also catalyzes the interconversion of 3-beta-hydroxy- and 3-keto-5-alpha-androstane steroids. [provided by

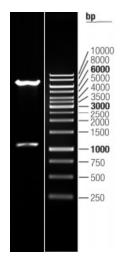
RefSeq, Jun 2016]

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Product images:



Circular map for RC204497L1



Double digestion of RC204497L1 using Sgfl and Mlul

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