

## Product datasheet for **RC202747L3V**

### **SRD5A1 (NM\_001047) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SRD5A1 (NM_001047) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SRD5A1
Synonyms:	S5AR 1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001047
ORF Size:	777 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202747).
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_001047.2</a>
RefSeq Size:	2285 bp
RefSeq ORF:	780 bp
Locus ID:	6715
UniProt ID:	<a href="#">P18405</a>
Cytogenetics:	5p15.31
Domains:	Steroid_dh
Protein Families:	Druggable Genome, Transmembrane



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**Protein Pathways:** Androgen and estrogen metabolism

**MW:** 29.3 kDa

**Gene Summary:** Steroid 5-alpha-reductase (EC 1.3.99.5) catalyzes the conversion of testosterone into the more potent androgen, dihydrotestosterone (DHT). Also see SRD5A2 (MIM 607306).[supplied by OMIM, Mar 2008]