

## Product datasheet for **RC213025L2V**

### **SRD5A2 (NM\_000348) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | SRD5A2 (NM_000348) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | SRD5A2   |
| Mammalian Cell Selection: | None   |
| Vector:                   | pLenti-C-mGFP (PS100071)   |
| Tag:                      | mGFP   |
| ACCN:                     | NM_000348  |
| ORF Size:                 | 762 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC213025).   |
| 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_000348.2</a>  |
| RefSeq Size:              | 2464 bp  |
| RefSeq ORF:               | 765 bp   |
| Locus ID:                 | 6716   |
| UniProt ID:               | <a href="#">P31213</a>   |
| Cytogenetics:             | 2p23.1   |
| Domains:                  | Steroid_dh   |
| Protein Families:         | Druggable Genome, Transmembrane  |
| Protein Pathways:         | Androgen and estrogen metabolism, Prostate cancer  |



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**MW:** 28.2 kDa

**Gene Summary:** This gene encodes a microsomal protein expressed at high levels in androgen-sensitive tissues such as the prostate. The encoded protein is active at acidic pH and is sensitive to the 4-azasteroid inhibitor finasteride. Deficiencies in this gene can result in male pseudohermaphroditism, specifically pseudovaginal perineoscrotal hypospadias (PPSH). [provided by RefSeq, Jul 2008]