

Product datasheet for **MR225229L4V**

Hsd3b3 (NM_001161744) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Lentiviral Particles |
| Product Name: | Hsd3b3 (NM_001161744) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Hsd3b3 |
| Synonyms: | 9030618K22Rik; AI790201 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001161744 |
| ORF Size: | 1119 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR225229). |
| 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_001161744.1 , NP_001155216.1 |
| RefSeq Size: | 1708 bp |
| RefSeq ORF: | 1122 bp |
| Locus ID: | 15494 |
| UniProt ID: | P26150 |
| Cytogenetics: | 3 42.86 cM |



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Gene Summary:

3-beta-HSD is a bifunctional enzyme, that catalyzes the oxidative conversion of Delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids. [UniProtKB/Swiss-Prot Function]