

## Product datasheet for MR202180L4V

## OriGene Technologies, Inc.

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## Blvrb (NM\_144923) Mouse Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** Blvrb (NM\_144923) Mouse Tagged ORF Clone Lentiviral Particle

Symbol: Blvrb

Synonyms: MGC11726; MGC27866

**Mammalian Cell** 

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_144923

ORF Size: 621 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(MR202180).

Sequence:

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.

**RefSeg:** NM 144923.3

 RefSeq Size:
 865 bp

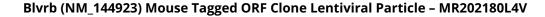
 RefSeq ORF:
 621 bp

 Locus ID:
 233016

 UniProt ID:
 Q923D2

 Cytogenetics:
 7 A3







## **Gene Summary:**

Broad specificity oxidoreductase that catalyzes the NADPH-dependent reduction of a variety of flavins, such as riboflavin, FAD or FMN, biliverdins, methemoglobin and PQQ (pyrroloquinoline quinone). Contributes to heme catabolism and metabolizes linear tetrapyrroles. Can also reduce the complexed Fe(3+) iron to Fe(2+) in the presence of FMN and NADPH. In the liver, converts biliverdin to bilirubin.[UniProtKB/Swiss-Prot Function]