

Product datasheet for **MR202180L4V**

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 Sequence:	The ORF insert of this clone is exactly the same as(MR202180).
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_144923.3
RefSeq Size:	865 bp
RefSeq ORF:	621 bp
Locus ID:	233016
UniProt ID:	Q923D2
Cytogenetics:	7 A3



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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]