

## Product datasheet for **RC200024L2V**

### DBR1 (NM\_016216) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DBR1 (NM_016216) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DBR1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_016216
ORF Size:	1632 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200024).
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_016216.2</a> , <a href="#">NP_057300.2</a>
RefSeq Size:	2690 bp
RefSeq ORF:	1635 bp
Locus ID:	51163
UniProt ID:	<a href="#">Q9UK59</a>
Cytogenetics:	3q22.3
Domains:	Metallophos, DBR1
MW:	61.6 kDa



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**Gene Summary:**

The protein encoded by this gene is an RNA lariat debranching enzyme that hydrolyzes 2'-5' prime branched phosphodiester bonds. The encoded protein specifically targets the bonds at the branch point of excised lariat intron RNA, converting them to linear molecules that are then degraded. This protein may also be involved in retroviral replication. [provided by RefSeq, Nov 2011]