

## Product datasheet for **MR226438L4V**

### Recql (NM\_023042) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Recql (NM_023042) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Recql
Synonyms:	RecQ1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023042
ORF Size:	1944 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226438).
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_023042.3</a> , <a href="#">NP_075529.2</a>
RefSeq Size:	3389 bp
RefSeq ORF:	1947 bp
Locus ID:	19691
UniProt ID:	<a href="#">Q9Z129</a>
Cytogenetics:	6 73.91 cM



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**Gene Summary:**

Isoform alpha is a DNA helicase that may play a role in the repair of DNA that is damaged by ultraviolet light or other mutagens. Isoform beta may have important roles in the meiotic process. Both isoforms exhibit a magnesium-dependent ATP-dependent DNA-helicase activity that unwinds single- and double-stranded DNA in a 3'-5' direction.[UniProtKB/Swiss-Prot Function]