

## Product datasheet for **RC208452L4V**

### **DHFRL1 (DHFR2) (NM\_176815) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	DHFRL1 (DHFR2) (NM_176815) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DHFRL1
Synonyms:	DHFRL1; DHFRP4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_176815
ORF Size:	561 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208452).
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_176815.2</a>
RefSeq Size:	3934 bp
RefSeq ORF:	564 bp
Locus ID:	200895
UniProt ID:	<a href="#">Q86XF0</a>
Cytogenetics:	3q11.2
Protein Families:	Druggable Genome
MW:	21.6 kDa



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**Gene Summary:**

Key enzyme in folate metabolism. Contributes to the de novo mitochondrial thymidylate biosynthesis pathway. Required to prevent uracil accumulation in mtDNA. Binds its own mRNA and that of DHFR.[UniProtKB/Swiss-Prot Function]