

Product datasheet for **RC203382L4V**

PYCLR (PYCR3) (NM_023078) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PYCLR (PYCR3) (NM_023078) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PYCR3
Synonyms:	PYCLR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023078
ORF Size:	822 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203382).
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_023078.1 , NP_075566.1
RefSeq Size:	2678 bp
RefSeq ORF:	825 bp
Locus ID:	65263
UniProt ID:	Q53H96
Cytogenetics:	8q24.3
Domains:	P5CR
Protein Pathways:	Arginine and proline metabolism, Metabolic pathways



[View online »](#)

MW: 28.6 kDa

Gene Summary: This gene encodes a protein that belongs to the pyrroline-5-carboxylate reductase family of enzymes. Members of this family catalyze the final step in proline biosynthesis, converting pyrroline-5-carboxylate to proline. Glutamate and ornithine are precursors in the synthesis of proline. The protein encoded by this gene is a cytoplasmic enzyme involved in the biosynthesis of proline from ornithine. [provided by RefSeq, Aug 2016]