

## Product datasheet for **RC204525L3V**

### **PYCR2 (NM\_013328) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	PYCR2 (NM_013328) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PYCR2
Synonyms:	HLD10; P5CR2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013328
ORF Size:	960 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204525).
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_013328.2</a>
RefSeq Size:	1771 bp
RefSeq ORF:	963 bp
Locus ID:	29920
UniProt ID:	<a href="#">Q96C36</a>
Cytogenetics:	1q42.12
Domains:	P5CR
Protein Pathways:	Arginine and proline metabolism, Metabolic pathways



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**MW:** 33.6 kDa

**Gene Summary:** This gene belongs to the pyrroline-5-carboxylate reductase family. The encoded mitochondrial protein catalyzes the conversion of pyrroline-5-carboxylate to proline, which is the last step in proline biosynthesis. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Nov 2012]