

## Product datasheet for **RC215813L4V**

### CDYL (NM\_004824) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CDYL (NM_004824) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDYL
Synonyms:	CDYL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004824
ORF Size:	1632 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215813).
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_004824.2</a>
RefSeq Size:	3432 bp
RefSeq ORF:	1635 bp
Locus ID:	9425
UniProt ID:	<a href="#">Q9Y232</a>
Cytogenetics:	6p25.1
Domains:	CHROMO, ECH
MW:	60.4 kDa



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**Gene Summary:**

Chromodomain Y is a primate-specific Y-chromosomal gene family expressed exclusively in the testis and implicated in infertility. Although the Y-linked genes are testis-specific, this autosomal gene is ubiquitously expressed. The Y-linked genes arose by retrotransposition of an mRNA from this gene, followed by amplification of the retroposed gene. Proteins encoded by this gene superfamily possess a chromodomain, a motif implicated in chromatin binding and gene suppression, and a catalytic domain believed to be involved in histone acetylation. Multiple proteins are encoded by transcript variants of this gene. [provided by RefSeq, Jul 2008]