

Product datasheet for **RR202715L4V**

Dcdc2 (NM_001106110) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dcdc2 (NM_001106110) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Dcdc2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001106110
ORF Size:	1425 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR202715).
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_001106110.2 , NP_001099580.2
RefSeq Size:	6788 bp
RefSeq ORF:	1428 bp
Locus ID:	291130
UniProt ID:	D3ZR10
Cytogenetics:	17p11



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Gene Summary:

This gene encodes a member of the doublecortin family. The protein encoded by this gene contains two doublecortin domains. The doublecortin domain has been demonstrated to bind tubulin and enhance microtubule polymerization. Knockdown of this gene expression results in neuronal migration disorders similar to those seen in the brains of dyslexics. [provided by RefSeq, Sep 2010]