

Product datasheet for **RC209105L2V**

CC2D1A (NM_017721) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CC2D1A (NM_017721) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CC2D1A
Synonyms:	Aki-1; FREUD-1; Freud-1/Aki1; Lgd2; MRT3; TAPE
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_017721
ORF Size:	2853 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209105).
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_017721.3
RefSeq Size:	3644 bp
RefSeq ORF:	2856 bp
Locus ID:	54862
UniProt ID:	Q6P1N0
Cytogenetics:	19p13.12
Domains:	C2, DM14
MW:	104.1 kDa



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Gene Summary:

This gene encodes a transcriptional repressor that binds to a conserved 14-bp 5'-repressor element and regulates expression of the 5-hydroxytryptamine (serotonin) receptor 1A gene in neuronal cells. The DNA binding and transcriptional repressor activities of the protein are inhibited by calcium. A mutation in this gene results in a nonsyndromic form of cognitive disability (MRT3). [provided by RefSeq, Jul 2017]