

Product datasheet for **RC205609L2V**

ANKRD1 (NM_014391) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ANKRD1 (NM_014391) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ANKRD1
Synonyms:	ALRP; bA320F15.2; C-193; CARP; CVARP; MCARP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_014391
ORF Size:	957 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205609).
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_014391.2
RefSeq Size:	1994 bp
RefSeq ORF:	960 bp
Locus ID:	27063
UniProt ID:	Q15327
Cytogenetics:	10q23.31
MW:	36.1 kDa



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Gene Summary:

The protein encoded by this gene is localized to the nucleus of endothelial cells and is induced by IL-1 and TNF-alpha stimulation. Studies in rat cardiomyocytes suggest that this gene functions as a transcription factor. Interactions between this protein and the sarcomeric proteins myopalladin and titin suggest that it may also be involved in the myofibrillar stretch-sensor system. [provided by RefSeq, Jul 2008]