

Product datasheet for **RC209596L4V**

RD3 (NM_183059) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RD3 (NM_183059) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RD3
Synonyms:	C1orf36; LCA12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_183059
ORF Size:	585 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209596).
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_183059.1
RefSeq Size:	4290 bp
RefSeq ORF:	588 bp
Locus ID:	343035
UniProt ID:	Q7Z3Z2
Cytogenetics:	1q32.3
MW:	22.7 kDa


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Gene Summary:

This gene encodes a retinal protein that is associated with promyelocytic leukemia-gene product (PML) bodies in the nucleus. Mutations in this gene cause Leber congenital amaurosis type 12, a disease that results in retinal degeneration. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]