

Product datasheet for **RC201647L2V**

Adrenodoxin (FDX1) (NM_004109) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Adrenodoxin (FDX1) (NM_004109) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Adrenodoxin
Synonyms:	ADX; FDX; LOH11CR1D
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004109
ORF Size:	552 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201647).
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_004109.3
RefSeq Size:	3155 bp
RefSeq ORF:	555 bp
Locus ID:	2230
UniProt ID:	P10109
Cytogenetics:	11q22.3
Domains:	fer2
MW:	19.4 kDa



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Gene Summary:

This gene encodes a small iron-sulfur protein that transfers electrons from NADPH through ferredoxin reductase to mitochondrial cytochrome P450, involved in steroid, vitamin D, and bile acid metabolism. Pseudogenes of this functional gene are found on chromosomes 20 and 21. [provided by RefSeq, Aug 2011]