

Product datasheet for **RC200115L4V**

ADI1 (NM_018269) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADI1 (NM_018269) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADI1
Synonyms:	APL1; ARD; Fe-ARD; HMFT1638; MTCBP1; mtnD; Ni-ARD; SIPL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018269
ORF Size:	537 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200115).
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_018269.1
RefSeq Size:	1685 bp
RefSeq ORF:	540 bp
Locus ID:	55256
UniProt ID:	Q9BV57
Cytogenetics:	2p25.3
Domains:	ARD
Protein Pathways:	Cysteine and methionine metabolism, Metabolic pathways



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MW: 21.5 kDa

Gene Summary: This gene encodes an enzyme that belongs to the aci-reductone dioxygenase family of metal-binding enzymes, which are involved in methionine salvage. This enzyme may regulate mRNA processing in the nucleus, and may carry out different functions depending on its localization. Related pseudogenes have been defined on chromosomes 8 and 20. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]