

## Product datasheet for **RC201044L4V**

### ADAT1 (NM\_012091) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAT1 (NM_012091) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAT1
Synonyms:	HADAT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012091
ORF Size:	1506 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201044).
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. <a href="#">More info</a>
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:	<a href="#">NM_012091.2</a>
RefSeq Size:	3545 bp
RefSeq ORF:	1509 bp
Locus ID:	23536
UniProt ID:	<a href="#">Q9BUB4</a>
Cytogenetics:	16q23.1
Domains:	A_deamin
MW:	55.4 kDa



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**Gene Summary:**

This gene is a member of the ADAR (adenosine deaminase acting on RNA) family. Using site-specific adenosine modification, proteins encoded by these genes participate in the pre-mRNA editing of nuclear transcripts. The protein encoded by this gene, tRNA-specific adenosine deaminase 1, is responsible for the deamination of adenosine 37 to inosine in eukaryotic tRNA. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2010]