

## Product datasheet for **RC212149L3V**

### ASCIZ (ATMIN) (NM\_015251) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ASCIZ (ATMIN) (NM_015251) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ASCIZ
Synonyms:	ASCIZ; ZNF822
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015251
ORF Size:	2469 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212149).
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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></p>
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_015251.2</a>
RefSeq Size:	4866 bp
RefSeq ORF:	2472 bp


[View online »](#)

Locus ID: 23300

UniProt ID: [O43313](#)

Cytogenetics: 16q23.2

Domains: zf-C2H2

MW: 88.35 kDa

**Gene Summary:** Transcription factor. Plays a crucial role in cell survival and RAD51 foci formation in response to methylating DNA damage. Involved in regulating the activity of ATM in the absence of DNA damage. May play a role in stabilizing ATM. Binds to the DYNLL1 promoter and activates its transcription.[UniProtKB/Swiss-Prot Function]