

## Product datasheet for **RC218078L4V**

### Argonaute 2 (AGO2) (NM\_012154) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Argonaute 2 (AGO2) (NM_012154) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Argonaute 2
Synonyms:	CASC7; EIF2C2; LESKRES; LINC00980; PPD; Q10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012154
ORF Size:	2577 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218078).
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_012154.2</a>
RefSeq Size:	3567 bp
RefSeq ORF:	2580 bp
Locus ID:	27161
UniProt ID:	<a href="#">Q9UKV8</a>
Cytogenetics:	8q24.3
Domains:	PAZ, Piwi
Protein Families:	Druggable Genome



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**MW:** 97 kDa

**Gene Summary:** This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]