

## Product datasheet for **RC218948L4V**

### EYA3 (NM\_001990) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	EYA3 (NM_001990) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EYA3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001990
ORF Size:	1719 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218948).
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_001990.3</a>
RefSeq Size:	6040 bp
RefSeq ORF:	1722 bp
Locus ID:	2140
UniProt ID:	<a href="#">Q99504</a>
Cytogenetics:	1p35.3
Domains:	Hydrolase
Protein Families:	Phosphatase, Transcription Factors
MW:	62.7 kDa



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**Gene Summary:**

This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may act as a transcriptional activator and have a role during development. It can act as a mediator of chemoresistance and cell survival in Ewing sarcoma cells, where this gene is up-regulated via a micro-RNA that binds to the 3' UTR of the transcript. A similar protein in mice acts as a transcriptional activator. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2013]