

## Product datasheet for **RC207342L4V**

### PAIP2 (NM\_016480) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PAIP2 (NM_016480) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PAIP2
Synonyms:	PAIP-2; PAIP2A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016480
ORF Size:	381 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207342).
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_016480.3</a>
RefSeq Size:	1498 bp
RefSeq ORF:	384 bp
Locus ID:	51247
UniProt ID:	<a href="#">Q9BPZ3</a>
Cytogenetics:	5q31.2
MW:	15 kDa



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**Gene Summary:**

Acts as a repressor in the regulation of translation initiation of poly(A)-containing mRNAs. Its inhibitory activity on translation is mediated via its action on PABPC1. Displaces the interaction of PABPC1 with poly(A) RNA and competes with PAIP1 for binding to PABPC1. Its association with PABPC1 results in disruption of the cytoplasmic poly(A) RNP structure organization.[UniProtKB/Swiss-Prot Function]