

Product datasheet for **RC207354L2V**

PABP (PABPC1) (NM_002568) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PABP (PABPC1) (NM_002568) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PABP
Synonyms:	PAB1; PABP; PABP1; PABPC2; PABPL1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002568
ORF Size:	1908 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207354).
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. More info
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:	NM_002568.3
RefSeq Size:	2869 bp
RefSeq ORF:	1911 bp
Locus ID:	26986
UniProt ID:	P11940
Cytogenetics:	8q22.3
Domains:	RRM, PABP, RRM_1
MW:	70.5 kDa



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Gene Summary:

This gene encodes a poly(A) binding protein. The protein shuttles between the nucleus and cytoplasm and binds to the 3' poly(A) tail of eukaryotic messenger RNAs via RNA-recognition motifs. The binding of this protein to poly(A) promotes ribosome recruitment and translation initiation; it is also required for poly(A) shortening which is the first step in mRNA decay. The gene is part of a small gene family including three protein-coding genes and several pseudogenes.[provided by RefSeq, Aug 2010]