

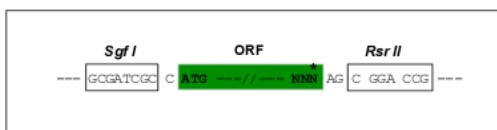
Product datasheet for **RG207354**

PABP (PABPC1) (NM_002568) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PABP (PABPC1) (NM_002568) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PABP
Synonyms:	PAB1; PABP; PABP1; PABPC2; PABPL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-RsrII
Cloning Scheme:	

Cloning sites used for ORF Shutting:



Kozac
Consensus

EcoRI BamHI KpnI RBS SgfI AscI

CTATAGGCGGCGGGGAATTCGCTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGATCGCCGCGCCAGATCT

HindIII NheI RsrII MluI NotI XhoI GFP Tag

CAAGCTTAAGCTAGTAGGGACCG ACG CGT ACG CGG CCG CTC GAG ATG GAG AGC GAC --- ---

T R T R P L E M E S D - - -

PmeI FseI

--- GAA GAA AGA GTT TAA ACGGCGGCGGGAGCT

- - E E R V Stop

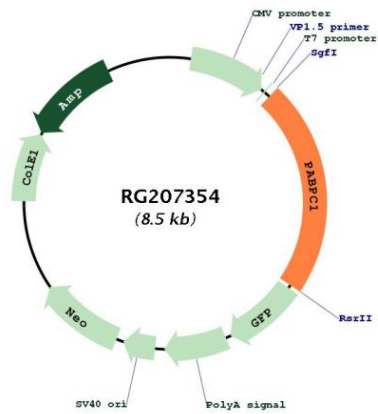
ACCN:	NM_002568
ORF Size:	1908 bp



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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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_002568.3 , NP_002559.2
RefSeq Size:	2869 bp
RefSeq ORF:	1911 bp
Locus ID:	26986
UniProt ID:	P11940
Cytogenetics:	8q22.3
Domains:	RRM, PABP, RRM_1
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]

Product images:



Circular map for RG207354