

Product datasheet for **RG224258**

PABPN1L (NM_001080487) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PABPN1L (NM_001080487) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: PABPN1L
Synonyms: ePABP2; PABPNL1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG224258 representing NM_001080487
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGCCCTCCCGAGCCGCTCTCTCTCCACCCCGACTCAGGCCTGGCTCCAGACGGTCTCTCAG
 ACCCTGAGGCCAGGGCTGGGGGCTGGAACGAGACCAAGGAGATTCTGGGGCCAGAGGTGGGAAGG
 GAAGGAGGAGAAAGAGGAGGAAGAGGATGCAGAGGAAGACCAGGATGGGGATGCAGGCTTCTGCTGTCT
 CTGCTGGAGCAAGAGAACCTGGCTGAGTGCCATTGCCTGACCAGGAGCTGGAGGCCATCAAGATGAAGG
 TGTGTCCATGGAGCAGGCCGAGGGGACCCACGGCTCCAGGAGTGCAGCAACAGGCCGAGGAAGAGGA
 GGGCACCGCGCCGGGCAGCTGCTGAGCCCTGAGACCGTGGGCTGCCCTCTCTGGGACCCCGAGGAG
 AAGGTGGAGGCTGACCACAGATCCGTCTACGTGGCAACGTGGACTACGGGGCTCCGCCGAGGAGCTGG
 AGGCCACTTCAGCCGCTGTGGGAGGTCCACCGAGTCACGATCCTGTGTGACAAGTTCTCTGGACACCC
 CAAGGGTTATGCCTACATAGAGTTTGCACCAAGGGCTCCGTGCAGGCCGCCGCTGGAGCTGGACCAGAGC
 CTCTCCGGGGCCGGTCAAGGTGCTGCCAAAAGAACAATTCCCTGGGATCAGCTCCACAGACC
 GCGGGGCTTCGAGGACACCCAGGCTCCAGGGGGCACCCCTCCCCACAGCGGCTCCAGGGCAGGCC
 CCGGCTCAGACCACAAGGGCAGAACCGGACGCCGGCGGCACTGACGCCACTATGGGCTCGGCCGCTGCC
 TGGGTGGTAGTCAGCCACGTCATCAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG224258 representing NM_001080487
 Red=Cloning site Green=Tags(s)

MWPFPSRSLFPPPTQAWLQTVSSDPEAQGWGAWNETKEILGPEGGEGKKEEKEEEDAEEDQDGDAGFLLS
 LLEQENLAECPLPDQELEAIKMKVCAMEQAEGTPRPPGVQQAAEEEEGTAAQQLLSPETVGCPLSGTPPEE
 KVEADHRSVYVGNVDYGGSAEELAHFSRCGEVHRVTILCDKFSGHPKGYAYIEFATKGSVQAAVELDQS
 LFRGRVIKVLPKRTNFPGISSTRDGLRGHPGSRGAPFPHSGLQGRPLRPQGQNRTPAALTPLWARPLP
 WVVVSHVIK

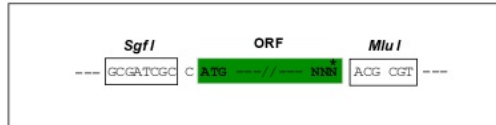
TRTRPLE - GFP Tag - V

Restriction Sites:

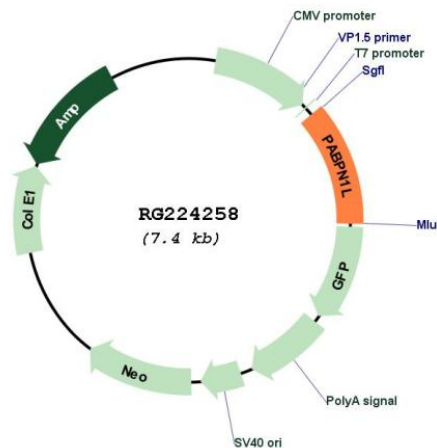
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001080487

ORF Size: 834 bp

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_001080487.1 , NP_001073956.1
RefSeq Size:	870 bp
RefSeq ORF:	837 bp
Locus ID:	390748
UniProt ID:	A6NDY0
Cytogenetics:	16q24.3
Gene Summary:	Binds the poly(A) tail of mRNA.[UniProtKB/Swiss-Prot Function]