

Product datasheet for **RG200090**

RPAP1 (NM_015540) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPAP1 (NM_015540) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RPAP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG200090 representing NM_015540 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGGATCGCC**

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GGGGCTCCTGGCTACCAGCCTGCTGCCTCGGCTGCGCTACGTGCTGGAGGTGACATACCCAGGACCTGCG
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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

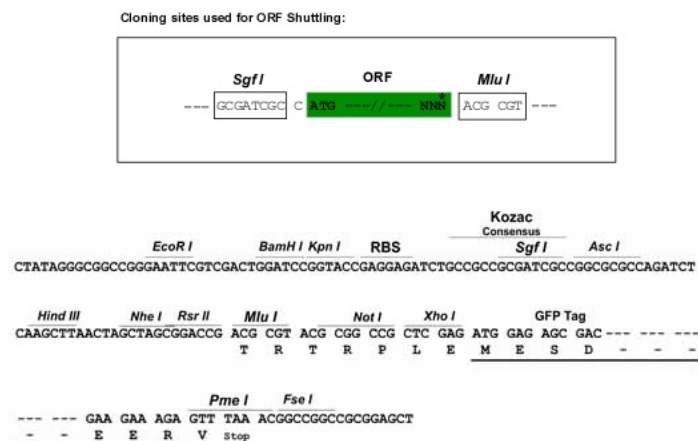
Protein Sequence: >RG200090 representing NM_015540
 Red=Cloning site Green=Tags(s)

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 VEPCLRQTLKLLSRPEMWRVAGVPVPVACLFLGAYYQAWSQQPSSCPEDWLQDMERLSEELLLPLL SQPT
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 LCGQLAAILAAPGLQNYFLQCVAPGAAPHLTPFSAWALRHEYHLQYLALALAQAALQPLPATHAALYH
 GMALALLSRLPGSEYLTHELLSCVFLEFLPERTSGGPEAADFSDQLSLGSSRVPRCQGQGLLAQACQ
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 LPLTQLPVSLECYTVPPEDNLALLQLYFRTLVTGALRPWCPLVAVAVAHVNSFIFSQDPQSSDEVKAA
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TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:

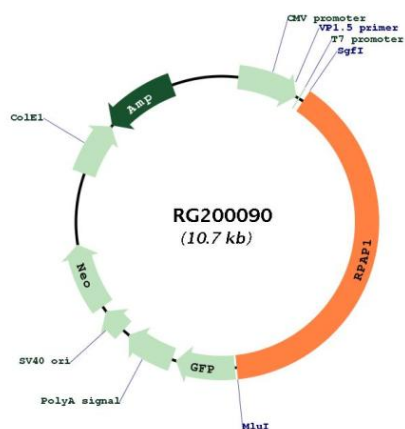


ACCN: NM_015540

ORF Size: 4179 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:	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_015540.2 , NP_056355.2
RefSeq Size:	4698 bp
RefSeq ORF:	4182 bp
Locus ID:	26015
UniProt ID:	Q9BWH6
Cytogenetics:	15q15.1
Gene Summary:	This protein forms part of the RNA polymerase II (RNAPII) enzyme complex and may recruit RNAPII to chromatin through its interaction with acetylated histones. [provided by RefSeq, Jul 2012]

Product images:



Circular map for RG200090