

Product datasheet for RN202782

Polr1a (NM_031772) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polr1a (NM_031772) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Polr1a
Synonyms:	Rpa1; Rpo1-4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202782 representing NM_031772 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGGCCTCCAAGCACACGCCATGGCGGCGGCTTCAGGGCATTTCCTTCGGGATGTATTCGGCCGAGG
AGCTCAAGAAGTTAAGTGTAAAGTCCATTACAAATCCTCGCTATGTGGACAGCCTGGGAAACCTTCGGC
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TCACCTATTGGTCTGCCAGCTGAAGTCTAGACGTTGGAGCCCTACAAGCAGTCTATGAGCTTGAGCGG
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TGAGCGCAGTGGATGCTACACAGCGGAAGCTGTGGCCAAACAGCTCCTGACACCGTCCACAGGGATCCC
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 CTCGAGGTGCTGGACCTGCGCCGCTGTACTCCAACGACATCCATGCTGTGGCCAAACGTAACGGCATC
 GAGGCTGCGCTGCGGGTATAGAGAAGGAGATTAAAGATGTGTTTGTGTGTACGGCATTGCGGTTGATC
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 GATCCAGTCAAGCTCCTCCCTTTGACGAGATGACGTTTGAACCCAGCTTCCAGTTTCTGAAACAGGCC
 ACCATGATGGGATCCCATGATGAACTGAAGTCACTTCTGCCTGCCTTGTGGTGGAAAGGTCGTCAAAG
 GCGGGACAGGCCCTGTTTGAAGTCAAGCAGCCCTAAGATAG

ACGCGGCCGC TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-NotI

ACCN: NM_031772

Insert Size: 5151 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_031772.1](#), [NP_113960.1](#)

RefSeq Size: 6018 bp

RefSeq ORF: 5151 bp

Locus ID: 83581

UniProt ID: [O54889](#)

Cytogenetics: 4q31

Gene Summary: subunit of RNA polymerase I [RGD, Feb 2006]