

Product datasheet for **RN212032**

Rpa1 (NM_001047843) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpa1 (NM_001047843) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rpa1
Synonyms:	Cb1-727
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212032 representing NM_001047843
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGCAGGAGATACATCCATAAAACCCGTTCTTCAAGTCATTAACATCCGTCCATTACTACAGGGA
 ATAGTCCACCGCGGTATCGACTGCTTATGAGTGATGGGTTGAACACGCTTTCCTCCTTCATGCTGGCCAC
 GCAGCTGAACGCCCTGGTCGAGGGGGCCAGCTGGCCAGCAACTGTGTCTGCCAGGTCCACCGCTTCATC
 GTCAACACCCTGAAGGACGGAAGGAGAGTAGTTATTTTGGTGGACTTGGAAAGTTGTGAAATCTGCTGGCG
 AAGTTGGAGTAAAGATTGGGAATCCAGTGCCCTATAATGAAGGACATGCGCAGCAGCAAGCAGTCTCTGC
 CCCAGCCTCTGCAGCGACACCACCAGCCAGCAAGCCCAACCGCAGAATGGGAGCTTGGGAGTGGGTTCC
 ACTGTAGCTAAGGCATACGGGGCCTCAAAGCCGTTTGGAAAGCCTGCTGGAAGTGGCCTGCTGCAGCCTA
 CAAGTGGGACACAGTCCAAGTGGTACCCATCGCCAGCCTCACCCCTTACCAATCCAAGTGGACGATTTG
 TGCCCGTGTACCAACAAAAGTCAGATCCGTACCTGGAGCAATCCCGTGGGAAGGAAAGCTCTTCTCT
 ATAGAACTTGTGGATGAAAGTGGTGAATCAGAGCTACGGCTTCAATGAGCAGGTGGACAAGTTCTTTC
 CCCTTATTGAAGTGAACAGGTGTATTACTTCTCCAAGGGCACTCTGAAAATCGCTAACAAAACAGTTCTC
 AGCTGTTAAAAATGACTATGAGATGACCTTCAATAATGAGACGTCTGTCTTCCCTGCGAAGATGGCCAT
 CACTTACCACAGTTCAGTTTGACTTACAGGGATCGGTGACCTAGAGAGCAAGTCTAAAGACTCACTTG
 TAGACATAATTGGAATCTGCAAGAGCTATGAAGATGCGACTAAAATCACAGTGAAGTCTAACACAGAGA
 AGTTGCTAAGAGAAATCTGTTTGGATGGACATGTCAGGGAAAGTGGTACTGCGACGCTGTGGGGAGAA
 GACGCTGACAAGTTTGACGGTTCTAGGCAGCCTGTGATGGCCATCAAAGGAGCCCGAGTGTCCGACTTTG
 GTGGGCGGAGCCTCTCTGCTCATCATCTAGCACTGCTTGTGAATCCTGACATCCAGAGGCCATAA
 GCTCCGTGGATGGCATTATGTCTTCGGAGATGGTGGCCTGAAAGCCCTTACACCGACAAGCCACGAT
 CCCCTGATGAACCTAGAGAGTCAGAGAAAAGCAATTAGAACTTAAGTGTGCGTGTGACCTTGATCCAC
 CAGGTAGACAAGGTTTTAACAGCTGCGTGTGGAGAGCAGTGTGAGAGCATCTCCGGTTTGCCTGTGG
 GCAGCTGATGTGGGGTTTGACTCAGAAGGACAAGCCTTAGATGGAGTTTCCATCTCTGATCTCAGGAGT
 GGAGGGACCGGAGGGAGCAACCAACTGGAAAACCTTTGTATGAAGCTAAATCCGAGAACCTGGGCCAGG
 GCGACAAGGCGGACTATTCAGCACTGTGGCAACAGTGGTGTCTTTCGCAAAGAGAAGTGTATGTACCA
 GGCTGCCGACCCAGGACTGCAATAAGAAAGTATTGACCAGCAGAATGGGTTGTACCGCTGTGAGAAG
 TGCGACCGGGAATTTCCAATTTCAAATACCGCATGATCTTATCGGTAATATTGCAGATTTTCAGGAGA
 ATCAGTGGGTGACGTGTTTCCAGGAGTCCGCGGAGGCCATTCTTGACAGAACACTGTGTACCTTGGGGA
 ACTCAAAGAGAAGGTTGGCTGCGTGTGTTGTGAGCATGAACGAGCAGGCGTTTGAAGAGGTTTTCCAGAAT
 GCCAACTTCCGATCATTTACATTCAGAATCAGAGTCAAGCTGGAGACCTACAATGATGAATCTCGAATTA
 AGGCCACTGTGATAGACGTGAAGCCCGTGGACTACAGAGACTATAGCAAAAGGCTGATCATGAACATCAG
 GAAGAACATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001047843

Insert Size: 2043 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:	<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:	<u>NM_001047843.1, NP_001041308.1</u>
RefSeq Size:	2049 bp
RefSeq ORF:	2043 bp
Locus ID:	287524
Cytogenetics:	10q24