

Product datasheet for RN203199

Polr2b (NM_001106002) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Polr2b (NM_001106002) Rat Untagged Clone
Tag: Tag Free
Symbol: Polr2b
Synonyms: RpB2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203199 representing NM_001106002
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTATGACGCCGACGAGGATATGCAATATGATGAAGATGATGATGAAATCACTCCAGATTTGTGGCAGG
 AAGCATGCTGGATCGTGATCAGTCTTATTTTATGATGAAAAAGGCTTGGTCAGACAGCAGCTGGATTCCTT
 TGACGAGTTTATTCAGATGTCTGTTCAAAGAATTGTGGAAGATGCACCACCGATTGACCTGCAGGCTGAA
 GCCCAGCAGCTAGTGGGAGGTTGAAGAGCCGCAAGATATTTACTGAAGTTTGAACAAATTTACCTCT
 CCAAACCTACTCATTGGGAAAGAGATGGTGCCCTTCACCAATGATGCCAAATGAAGCCAGGTTAAGAAA
 TCTCACGTAATCCGCCCCGCTTTACGTGGACATAACGAAGACGGTCATTAAGAGGGTGAAGAGCAGCTG
 CAGACTCAGCACCAGAAAACCTTCATCGGGAAAATCCCCATTATGCTGCGCTCCACGTATTGCTTGTGA
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CTCCAGAGGGCCATGCTGTAGGACTTGTGAAGAATTTAGCCCTGATGGCTTATATTTTCAGTTGGATCTCA
 ACCTTCTCCAATTTTGAATTTTGAAGAATGGAGCATGGAAAACCTTAGAGGAAATTTCCCTGCAGCT
 ATTGCCGATGCAACCAAGATTTTGTAAATGGCTGCTGGGTTGGAATCCATAAAGACCCGGAACAACTCA
 TGAACACACTCAGGAAATTACGGCGTCAGATGGACATCATTGTATCCGAAGTTTCTATGATCAGAGATAT
 CCGCGAGCGTGAGATTCGGATCTATACAGACGCAGGCCGATTTGTAGACCACTTCTAATTGTGGAAAAG
 CAAAAGCTTCTTTGAAGAAGAGACACATTGACCAGTTGAAAGAGAGAGAATAAACAACACAGTTGGC
 AGGATCTGGTAGCCAGTGGGGTAGTAGATATTGATACCCTGGAAGAAGAAACCGTGATGCTTGCAAT
 GACTCCAGATGATTTGCAGGAGAAAGAAGTAGCTTATTGCTCCACCTATACCCACTGTGAGATTCACCCA
 TCAATGATTCTTGGCGTCTGTGCATCTATTATTCTTTTCTGATCATAACCAGTCCCCTAGAAACAGT
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 TTATCATGAATCGTTAGCTGTGGATCGAGGCTTTTTCAGGTCTGTTTTCTACCGATCATACAAAGAACA
 AGAGTCTAAAAAGGATTTGATCAAGAAGAAGTGTTCGAGAAGCCTACACGTGAAACATGCAGGGCATG
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 ATGTTATTATAGGCAAAACGGTCAACCCTCCCTGAGAACGAGGATGAGCTGGAGAGACCAACAGGCCTA
 CACCAAGAGGGACTGCAGCACCTTCTCAGAACCAGTGAGACAGGCATTGTGGACCAGGTCATGGTCACT
 CTCAACCAGGAAGGATATAAATTTGTAATAAAGGTTACGCTCTGTTAGAAATCCCGAGATCGGAGACA
 AATTTGCTAGCCGACATGGTCAGAAGGGTACTTGTGGTATTCAGTATAGACAAGAGGACATGCCGTTTAC
 TTGTGAAGGCATAACTCTGACATCATATAAACCCACGCCATCCCCTCTCGGATGACGATTGGTCAC
 TTGATTGAATGTCTCAAGGGAAGGTCTCTCGAACAAGGGTAAATTTGGTATGCTACTCCGTTTAAATG
 ATGCTGCAATGTGCAGAAGATTTCTAATCTTTTATCTGACTACGGTACCATCTCAGAGGAAATGAGGT
 GCTCTACAATGGATTCAGTGGTCGCAAAATCACATCGCAGATTTTATTGGCCCCACTTACTACCAGCGT
 TTGAAGCATATGGTGGATGACAAAATTCATTCTCGTGCTCGGGGGCCATTTCAGATTCTTAACAGACAGC
 CCATGGAGGGCAGATCGCGTGATGGTGGCTGCGCTTTGGAGAAATGGAGCGAGACTGTCAGATCGCACA
 TGGTGCAGCACAGTTCTTAAGAGAAAGGCTGTTTGAAGCATCAGATCCGTATCAGTTTACGTTTGTAAAT
 CTTTGTGGAATAATGGCAATTGCTAACACCAGGACTCACACATACGAATGCAGGGGATGCCGAATAAGA
 CCCAGATCTCCTTGGTGCGAATGCCGTATGCGTGCAAGCTGTTGTTCCAGGAGCTCATGTCCATGAGCAT
 CGCACCACGGATGATGAGTGTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106002
- Insert Size:** 3525 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_001106002.1](#), [NP_001099472.1](#)

RefSeq Size: 3829 bp

RefSeq ORF: 3525 bp

Locus ID: 289561

Cytogenetics: 14p11