

Product datasheet for RN217492

Polr3b (NM_001191878) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Polr3b (NM_001191878) Rat Untagged Clone
Tag: Tag Free
Symbol: Polr3b
Synonyms: RGD1565311
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217492 representing NM_001191878
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGACGTGCTAGCTGAGGAGTTCGGGAGCCTGACTCCGGAGGAGCTGGCTGCGCCGATCCCGACTGTGG
 AGGAAAAATGGAGGCTGCTTCCAGCATTTTTAAAGGTAAGGCTGGTAAACAGCACATCGACTCCTT
 TAACTATTTTCATTAATGTAGAGATAAAGAAGATAATGAAAGCCAACGAAAAGTTACAAGCGATGCTGAT
 CCCATGTGGTACTTAAAGTATCTTAATATCTATGTTGGACTTCCTGACGTGGAAGAAAGTTCAATGTAA
 CTAGACCAAGTGTCCCTCATGAGTGCCGCTGCGGGACATGACGTAATCCGCCCCATCACCGTGGACAT
 CGAGTATACCCGAGGCAGCCAGAGGATAATCCGCAATGCCTTACCATTGGCAGAATGCCATCATGCTC
 CGAAGTTCAAACTGTGTTCTGACAGGAAAACTCCAGCAGAGTTTGCCAAACTCAACGAGTGTCCATTAG
 ACCCAGGTGGCTACTTCATCGTTAAAGGAGTGGAGAAAGTCAATCTTATCCAGGAGCAGCTGTCCAAGAA
 CAGGATCATTGTGGAGGCAGACAGGAAGGGGCTGTTGGGGCTTCAGTTACCAGCTCCACCCACGAGAAA
 AAAAGTAGAACCAACATGGCGGTGAAACAAGGGCGCTTTTATCTGAGGCATAACACCCTGTCTGAAGATA
 TACCCATTGTCATCATATTCAAGGCCATGGGTGTTGAGAGTGACCAGGAAATTGTGCAGATGATTGGAAC
 GGAGGAGCACGTGATGGCTGCGTTTGGGCCAGCCTGGAGGAGTGCCAGAAAGCTCAGATCTTACCACGAG
 ATGCAGGCGTTGAAGTATATAGGAATAAAGTAAGAAGACAAAGAATGTGGGGAGGTGGACCAAAAGAAGA
 CAAAAATAGAAGAAGCAAGAGAATTCTGGCCTTACCATTCTGACCCATGTACCAGTTAAGGAATTCAA
 TTTCCGAGCTAAGTGTATCTACACGGCAGTGATGGTGCGAAGGGTGTCTTGGCCCAAGGAGATAACAAG
 GTCGATGACAGAGACTATTACGGCAACAAGCGACTGGAGCTGGCAGGCCAGCTCTTGTCTCTTCTTTTTG
 AAGATTTGTTAAAAAGTTAATTCAGAAATGAAGAAGATTGCAGACCAAGTGATTCCTAAACAAAGAGC
 AGCCAGTTTGACGTCGTGAAACACATGCGCCAAGACCAGATTACCAATGGCATGGTCAATGCCATCTCC
 ACGGGAAATTGGTCTCTGAAGAGATTTAAGATGGACCGCAGGGTGTGACCAAGTGCTGTCTCGCTTGT
 CCTATATCTGCACTTGGCATGATGACAAGAATCTCTTCCAGTTCGAAAAACAAAGAAAGTGAGTGG
 CCCTCGTTCTCTGACCCATCTCAGTGGGAATGCTCTGTCCCTCCGACACACCTGAAGGAGAGGCTCG
 GTTTTGTTAAGAACTTGGCCCTCATGACACATATAACAACCGACATGGAAGATGGACCCATTATTAAGT



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TAGCTGGGAACCTGGGAGTAGAAGATGTGAATTTATTATGTGGAGAAGAGCTCTTACCCAAATGTATT
 CCTTGTCTTCTGAATGGTAACATCCTGGGTGTCATTCGAGACCATAAAAAGCTTGTGAGCACGTTCCGG
 CTGATGCGAAGAGCAGGCTACATCAATGAATTTGTCTCCATCTCCACAAACCTTACGGACCGATGTGTTT
 ACATTTCTCTGATGGCGGGCGCTTGTGCAGGCCTTACATCATTGTCAAGAAACAGAAGCCCGCAGTTAC
 CAATAAGCACATGGAAGAGCTGGCTCAAGGTTACAGGAATTTGAAGATTTCTTACATGAGAGTCTGGTT
 GAGTACTTAGATGTGAATGAAGAAAAATGATTGTAACATTGCGCTCTACGAACATAACAATTAATAAGACA
 CCACCCACTTGGAGATTGAACCTTCACTCTTCTCGGTGTTTGGCCGGCCTGATCCCCTACCCTCATCA
 CAACCAGTCTCCAAGAAACACCTACCAGTGTGCCATGGGCAAGCAAGCCATGGGTACCATTGGATACAAT
 CAGCGAAACAGAATTGATACACTAATGTATCTACTAGCATATCCACAAAAACCCATGGTTAAAAACAAAA
 CCATTGAGTTGATAGACTTTGAGAAATTGCCAGCTGGGCAGAATGCAACTGTTGCCGTGATGAGCTACAG
 CGGCTATGACATTGAAGACGCCCTTGTGTTTGAACAAGGCCTCTTGACAGAGGTTTTGGCGTTGTCTC
 GTCTATAAAAACGCTAAGTGCACATTGAAGCGATATACCAATCAGACTTTTGATAAGGTGATGGTCCCA
 TGTTGGATGCTGCTACCAGAAAACCCATCTGGCGACATGAAATTTAGATGCAGATGGCATTGTTCTCC
 AGGTGAGAAAGTAGAAAACAAGCAGGTGCTTGTAAACAAGTCCATGCCACAGTGACTCAGATTCCTCTG
 GAAGGGAGCAACGTGCCACAGCAGCCACAGTATAAGGATGTGCCATCACGTACAAGGTGCAACAGACT
 CTTACATCGAGAAAGTATGATCTCTTCCAACGCTGAGGACGCTTTCCTCATCAAGATGCTCCTGAGACA
 GACGCGCGCTCCAGAGATCGGAGACAAATTCAGCAGTCGCCATGGACAAAAGGGTGTCTGCGGCCTGATC
 GTCCCCAAGAAGACATGCCGTTCTGTGACTCTGGCATCTGTCCCAGACATATAATGAACCTCACGGCT
 TCCCATCGAGAATGACGGTTGGAAAGTTGATTGAGTTGCTGGCCGGCAAGGCAGGCGTGTAGACGGCAG
 GTTCCACTACGGCACCGCCTTTGGAGGGAGTAAAGTGAAGGACGTGTGTGAAGACCTCGTTGCCATGGT
 TACAACACTGGGGAAGGACTATGTACCTCGGCATCACCGGTGAGCCCTTAGAAGCCTACATCTATT
 TTGGCCCTGTGTACTATCAGAACTGAAACACATGGTGTGGATAAAAATGCATGCCCGGGCCAGAGGACC
 ACGACTGTCTTACCAGGCAGCCACTGAAGGGCGATCTCGCGATGGCGCCTCGCTTGGGAAATG
 GAGCGTGACTGTTAATTGGCTATGGAGCGAGTATGCTTTTGGTGGAGAGACTAATGATCTCAAGTGATG
 CCTTCGAAGTTGACGTCTGTGGGAGTGTGGACTACTTGGATATTCTGGCTGGTGTCACTACTGCAAGTC
 CTCGTGCCACGTGCTCCCTCCGCATCCCATATGCCTGCAAGCTGCTCTCCAGGAGTTCAGTCCATG
 AACATCATCCCCAGGTTGAAACTGGCCAAGTACAACGAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191878
- Insert Size:** 3402 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191878.1, NP_001178807.1

RefSeq Size: 4132 bp

RefSeq ORF: 3402 bp

Locus ID: 362858

Cytogenetics: 7q13