

Product datasheet for **RN210227**

Polr1e (NM_001107938) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polr1e (NM_001107938) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Polr1e
Synonyms:	Praf1; RGD1565773
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210227 representing NM_001107938
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTACGCCGATTCTCCCGGATGGATGGCCAGACTGGAGACACGGAGACAGAGGTGCTACAGAGTG
 CAAGATGGCAGTACTGTGGAGAGCCGACGACAGGCAGAAAGCTGTGCTGGTCCAATTCTCCAATGGGAA
 GCTGCAGAAATCCAGGCAACATGCGCTTACCTTGTAACAACAGCACCGACTTGGTAAACCCAGGCAGAA
 TGCCATCGGATCCTGGCCGCTGAGACAGACAGGCTCTCCTATGTTGAAACAATTTGGGACTGGCGCC
 TCAATGCAACACTCTTTGCAGACACTTTGTTGGCATTCTGAATAAGACCTCTGGCCAAATGGAAGTCTA
 TGATGCGGAAGTATTCAACATGCAGCCCCTGTTTGTGAAGACTCTATTGAGCATGGCCTCCTCTGGAG
 AATCAGAACAAGACCTTCAGGGACAAGTTGGATTCTTGCAATTGAAGCCTTTGGAAGCACCAAGCAGAAGC
 GGTCCTGAACTCCCGGAGAATGAACAAGTTGGCAGCGAGTCTTGAATTTACAGTAGCTAAAGCCGC
 AGAGAGTATCATTGACACGAAGGGCGTGAGTGCTTTGGTCAGCGATGCCATGCAAGATGACTTGCAAAAT
 GACTCCCTCTACCTTCTCCCTGCCATGCTGATGCCACCAAGCCCGAAGACGTGTATAGATTTGAAGACA
 TCCTGTCCCCGGCCGAGTATGATGCTCTTGAAAGCCCATCCGAAGCCTTCAGAAAGGTATGCTGTAAGA
 CATACTGAAGATGGTGAAGAGAACAGCCACTGCTCCTTCATCATAGAAATGCTGAAGTCTTTGCCAGCA
 GACGAGGTGCAGCGAAACCGGCAAGCCCGGAGCATTGTTGTTCTAGATGCCCTCCTCAGATCCGAGCTC
 AGAAAGTGATAAAAGGGAAAAGTGCTTAGGACCTGGGATCCCGCACATCATCAACACCAAGCTGCTGAA
 GCAGTTACCTGCTTGACCTACAACAACGGCAGTTTACGGAACCTAATCTCGAGTTCTATGAAGGCCAAG
 ATCACTGCATATGCAATCATCCTTGCTCTGCACATAAACTCCAGATTGATCTGACGGTGTTACAGA
 GGGACTTGAAGCTGAGTGAGAAAAGGATGATTGAGATAGCGAGAGCCATGAGGCTGAAGATCTCCAAAAG
 AAAGGTGTCCCTGGCAGATGGCAGGGAAGGATCATAGACTGGGCACTCTGTCCGTCCTCCACTGCCTCCG
 GCCCAGACCTCAGACCGACAGTCGAAGCGGAAAAAATGAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107938

Insert Size: 1305 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_001107938.1, NP_001101408.1

RefSeq Size: 1588 bp
RefSeq ORF: 1305 bp
Locus ID: 313245
Cytogenetics: 5q22