

Product datasheet for **RN210668**

Phrf1 (NM_139093) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phrf1 (NM_139093) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phrf1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210668 representing NM_139093 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGAGGCTGAAGAGGAAGACCCGACCTTTTGTGAAGTGTGTGGCAGGAGTGATCGTGAGGACCGGCT
CCTACTTTGTGACGGCTGTGATGCTGGATGCAGCTCCTGTGAGTGATGAGGAGGTCTCCTTGCTACTGGC
TGATGTAGTGCCAACCACCAGCAGACTTCGGCCTCGAGTAGGCAGGACCCGGGCCATCGCTAGGACACGG
CAGAGTGAGAGAGTGAGGGCAACTGTGAACCGGAACCGGATCTCTTCTGCCAGAAGGGTCCAGCATGTGC
CACGGTACCTCATGTCTTCTCTGCTGGATGAACTATTGAGGCTGTCGCCACTGGTCTGAGCAGCATGTG
ATACCAGCGTCCCTTGACACCTCGTGTTCTGCAAAACGGAAGGAAGGCAGGGAGACGAAAGAAAGTA
CTGGGAAGGAAGAAAACCCGGTCCAGGTCATCTGTGAAAAGTAAGAGTGGGGGTACAAGACCAAGAAAC
GGCAGCACCGTGTGAGGAGGACGAAAGGGAGGAAGCTGAAGAACGAAGTCACAGCTCGTTCTCGCATTGC
ACGAACACTAGGCCTCCGAGGCCTGTCCGTGGCACCAGCATGCCATCAGTATACAAGCCTGTGGACCCC
TCTCTTGGGCTGATGAGGGCAGATATTGGAGCAGCTTCTCTGTCAGTGTGGAGATCCCTATGCACTAG
ACCCTTTTGACAGCAATGGAGAACAGTCTGCAGATCCGCCTTCCCCTCTGAGTGCCAAGAGGAGAGTGCT
GTCCCGCTCAGCCCTGCAGTCTCACCAGCCTGTGGCCAGACCTGTGCCATGGGACTCGTAGGAGGCAG
CTCCCTGCTGTGGCCCCAGAGCCAGTGTGGAGGAGGCCCGTCCCTGACCTGTGGGGAGCATCTGT
GTGGCCAGAGCCTCCTGATGATGAGCAGTGCTGATGTTGTATACACCGGATGGCTCTCTCAGCGCCAA
GAGGGCAGCTCCTGTTTCTCTTACGCAATCTGTGACTCAATCCAGAGAAGAGTCCAGGCTCAGAGAC
AACCTGCAGCCTGGGGCACTACCTTCAGAGAGCGTATCCGGTGGACTCATAGGAGACAGACGACCAAACT
CAGGGCTGAGCTGTGGGGACAGAACAGCTCTGCCTGTCTCCCTGCCAAATAGTGACAGACACCTGTGAG
GTCAGATTATCAGTTTCCCCTCGTTCAGGTCTGTCTGGGAACCTTTAGATGAGAGCAGACCTAAATGG
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CTCATTCTAACTTTCCATCTAAAAATATAGCTCCTGGGCATCCTCAGAAAACAGATCCCAGGAGACCTGA
TTTCTCCAAGCTCCCCAGGATACCAAGATCCGAGGGATGGCAGTAATAGCACAGGACGAGGCCCA
GCCAGCGGTGAGCTGTGAGCTCCCCAGCGCATGCATCAGCCGCTGACTGGCAGGGAAGGCCCTGGGC
AGCCAGGACGAGGCCGGGCTGACAGTGAGCCAGCAGCAGGGGTCCCCAGGAGACTGGCTCACACACAAG



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TGGTTCTCGACCTCCTGCGCCAGCTCCCATGGCAACCTAGCTCCTCTAGGGCCCTCAAGAGGAAAGGGC
ATTGGGTCTAGCTTTGAAAGCTTCAGGATCAACATCCCTGGGAACACTGCGCACTGCAGCCCGCTGTCCA
GCCCTGGATTCTGTAACACATTCGCGCCAGTAGACAGCAAGGTACAGAGGAAGGAGAACCCCTTACCCCT
CTTCTCCATCAAGAAGCCGAAACAACTCAAAAGTGAAATCTATGACCCCTTTGATCCCACTGGCTCAGAC
TCTAGCCCTCCTAGCAGCAGCCAGAGAGTCTTGGTCCAGACCTTCTGCCCTCTGAGATCACAAGAACTA
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CGTCTTTGGGACTGAGATGGACCTGATCCCCAGCCCCCTGGGAGCCTGTCTCTGGCATGCTGGAGTTA
CTTGGCAAGGGACCTGCTGAGGGAGCCTCTGATTGGAGCAAGAAGGACTAGGTGAAATAGAGCCTACAG
AAATTCAGGGCTCCTCAGCCGAGCACAGAGGCCATCCCCACCAGACCTTGGGATGATGAGGATGGAGT
GTCCTGTACGCCCTTCTTTGGCTCTGAGGAGCGGACAGTGACATGTGTGACTGTCGAGGAGCCAAGTGTT
CCAAGCCAGATGCTCCACAGATAACCACCCACAGAATTGTGGAGTTCAGAGCCTCATCCGTTCCCGCT
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ACGATCCAGCACTCGCTCAGGCTCCAGGGACAGGACTTCAGCTCAGTATCTCCATTTACCGAGGAACAC
ACCAAGAGACACAGAGCCAAGACTAAGAGCCGGAGGTCTTCCAGTGACCGTGCCAGCAGCCAGGACAGAG
CAAAGAGGAGGAAGGACAGAGACAGGGAGCATAGACGGGGTCCCTGGGGTCATGTCAGATGCTGGAGGAA
GTCCAGGTCCCGCTCAGGGAGTCTTGGCAGTTCCTCCTGTGAGGCCATGAGAGTAGGAGACGGAAGAGG
CGGCATTAGGGTCCAGATCTCGTGGCAGGGATGGCTCACCACACAGCAGCCTGGAGAGGGACCGGAGAC
ATAAACATCGGGAGAGGAGCCGAGAGCGGATGGACAAGAAGGAGAGTATGACTCGGTCCCGGAGAGAAG
GAGGTGGCGGTCTCGGTACCCAGTGTGGAGCATAGGACACGAAGGCCACATTCTCGTGAGAAGCATCCC
CATTCCCAGAGAAGAAGGGGGCTGTGAGGGAGGTTTCCCAGCCCTGCTCCACAGGGGAGCCACGGC
AGGATGGAGACCACTCTACCAAGCCTCCAGTCTCAGAAGTAAGTGTCTTGCCAGAGGTAGTAAGTGTCT
GCCAGAGGTGGTTGTGGCTGACCTGAACCTCCAGAAGTCCCTCCTGTCTCGCAGAGTCAGTTTCATGT
GTGCTGAGGACCTTGATTATGGTGATTCTGTGGAGGCAGGCCACGTCTTTGAGGATTTTCAAATGAAG
CCATCTTCATCCAGCTCGATGATATGAGCTCACCTCCTTCCCCTGAGAGTACAGACTCCTCCCCTGAGCG
AGACTTCTACCAAACCCATACTGCCCCAGCCAGCCTTCCACAAAACAGTACTTTACCTGTACCCAG
AGGGAGGTGTTACCAATTCACAGTGAAGATATCTCAAAGCCTGCACCCAGCCATTGGCCCTTCAGACC
AGTGCCTGCTCAGGCAGGACACTGTAGAGACCACTGCTACAACCTGAGCACCCAGGTGTGTTGCCCAT
GGGAAAGGACAGTCCTTTGCTGAGTGGGAGAGGATGTGAAGTGGTCAGGCCCAAGGATGCTGTGGCCCCG
GCCCCACTGCTGCGATCCAGAACCCTGGTGAAGAGTCACTGGAACCTGCAGGAAGCAGAGGCCAGCA
CCCCAGCCCTGGACAGAGATCCAAGGACACCATTAGAGGCCCCAGAGGCCCCAGGAAGGAGACTGGGA
TGCAGAGGACAGGGCCCTCATAGGATTTAGCAGGCACCATTCTCGAGCTGCCCTCCCATCCACGTG
CTCCAGGAGTCTGGGTTACCTGATGCAGATCCCTCTCAGCCCCCTGGTGTTCAGGGGCAGAAGGGCCTC
CAGCTGTTGGGACTCTGCACTCAGCAGGGGGTATTCTTGCCAGGTTTACAGCCCCAACATGCCACCACC
CCTGGCTCAGCCCTCAAGCATCCCGCCCTATGCACTGGTCAACCAGCCCTCAGTCCAGTTGATTCTGCAG
GGGACCTTCCCTAGCAGGCTGTGGTGCAGCACAGAACCTGGCCCCAGTGCCCACTATGCCAGTACAG
CCTCAGAGCTAGCTGTTCCAACCAACAACCTCAGAAGAAAGGACGGCTACTCCAAAACAGCTGCTGA
GAAGACCACAAAGGAGGAGTACATGAAGAAGCTGCACATGCAGGAACGGGCTGTGGAGGAAGTGAAGCTG
GCCATTAACCCCTTCTACCAGAAGAGAGAGGTGACCAAGGAGGAGTACAAGGACATCCTGCGCAAAGCTG
TGCAGAAGATCTGCCACAGCAAGAGTGGCGAAATCAACCCTGTAAGGTGGCCAACTGGTGAAGGCCTA
TGTGGACAAATACAGGCATATGCGCAAGCACAAGAAGACTGAAGCTGGAGAGGAGCCACCCTCAAGGT
GCTGAGACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_139093
Insert Size: 4422 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:	<u>NM_139093.1</u> , <u>NP_620793.1</u>
RefSeq Size:	5221 bp
RefSeq ORF:	4422 bp
Locus ID:	245925
UniProt ID:	<u>Q63625</u>
Cytogenetics:	1q41
Gene Summary:	binds the repetitive C-terminal domain (CTD) of RNA polymerase II; may act with other CTD binding proteins to link transcription and pre-mRNA processing [RGD, Feb 2006]