

Product datasheet for RN214196

Prrx1 (NM_153821) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prrx1 (NM_153821) Rat Untagged Clone
Tag: Tag Free
Symbol: Prrx1
Synonyms: Pmx1; Prx-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214196 representing NM_153821
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACCTCCAGCTACGGGCACGTTCTGGAGCGGCAACCGGCTCTGGGCGGCCGCTTGGATAGCCCTGGCA
ACCTCGACACCCTGCAGGCGAAAAAGAATTCTCCGTAGTACCTGCTAGACCTGGAGGAGGCCGGGA
CATGGTGGCGGCACAGGCGGACGAAAGCGTGGGCGAGGCGGGCCGGAGCCTGCTGGAGTACCGGGACTG
ACCACTGGCAGCGACACCCTCAGCAGGACAATGATCAGCTGAACCTCTGAGGAGAAGAAGAGAAAGC
AACGGAGAAACAGGACAACCTTCAATAGCAGCCAGCTGCAGGCCTTGGAGCGTGTCTTCGAGAGGCCCA
TTACCCGGATGCTTTTGTACGGGAAGATCTTGCACGTCGGGTGAACCTCACGGAGGCCAGAGTGCAGGTG
TGGTTTCAGAACC GAAGACCAAGTTCGCGAGGAATGAGCGAGCCATGCTGGCCAATAAAAAACGCTTCTC
TCCTCAAGTCCTACTCAGGAGACGTGACTGCCGTGGAACAACCCATTGTACCTCGTCCTGCTCCAGACC
CACCGATTATCTCTCCTGGGGACAGCCTCTCCGTACAGCGCCATGGCTACTTATTCTGCCACATGTGCC
ACAATAGCCCTGCGCAGGGTATCAACATGGCCAACAGCATTGCCAACCTGAGACTGAAGCCAAGGAAT
ATAGTTTACAGAGGAACCAGGTGCCAACAGTCAACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_153821
Insert Size: 738 bp



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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:	NM_153821.1 , NP_722543.1
RefSeq Size:	1375 bp
RefSeq ORF:	738 bp
Locus ID:	266813
UniProt ID:	P63014
Cytogenetics:	13q22
Gene Summary:	binds the collagen I alpha 1 and the osteocalcin promoters; acts as a negative regulator of transcription [RGD, Feb 2006]