

Product datasheet for **SC121551**

PRR6 (CENPV) (NM_181716) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRR6 (CENPV) (NM_181716) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRR6
Synonyms:	3110013H01Rik; CENP-V; p30; PRR6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_181716, the custom clone sequence may differ by one or more nucleotides

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ATGCGGCGATCGAGGAGCTCTGCGGCCGCAAGCTGCGCGGGCAGAAGCGGTCCGGGGCCTCCGCGGCC  
CCGCGGCCTCCGCGGCCGCTGCCTTGGCACCCAGCGCCACCCGCACACGGCGCTCCGCTAGCCAGGCCGG  
GAGCAAGAGCCAGGCGGTGGAGAAGCCGCCGTCGGAGAAGCCGCGGTGAGGCGCTCGTCGCCGCGGGCC  
CAGGAGGAGGGCCCGGGGAGCCGCCGCCCTGAGCTGGCGTTGCTCCCGCCACCGCCGCCGCCCGCC  
CGACTCCCGGACCCCGACGTCTCGGGCTCAACCTGGACCTGGGCGAGCAGCGGGAGCGCTGGGAGAC  
GTTCCAGAAGCGGCAGAAGCTTACCTCCGAGGGTGCCGCAAGCTCCTGCTAGACACCTTTGAATACCAG  
GGCCTGGTGAAGCACACAGGAGGCTGCCACTGTGGAGCAGTTCGTTTTGAAGTTGGGCCTCAGCAGACT  
TGCATATATTTGACTGCAATTGCAGCATTGCAAGAAGAAGCAGAATAGACACTTCATTGTTCCAGCTTC  
TCGCTTCAAGCTCCTGAAGGGAGCTGAGCACATAACGACTTACACGTTCAATACTCACAAAGCCCAGCAT  
ACCTTCTGTAAGAGATGTGGCGTTCAGAGCTTCTATACTCCACGATCAAACCCCGGAGGCTTCGGAATTG  
CCCCCACTGCCTGGATGAGGGCACTGTGCGGAGTATGGTCACTGAGGAATTCATGGCAGCGATTGGGA  
GAAGGCCATGAAAGAGCACAAGACCATCAAGAACATGTCTAAAGAGTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_181716 unedited CTATAGGGCGGCCGGAATTCGCACGAGGGCGCGCCAGGCTGCGGGAGCCATGCGGCGAT CGAGGAGCTCTGCGGCCGCAAGCTGCGCGGGCAGAAGCGGTCCGGGGCCTCCGGGGCCT CCGCGGCCCGCGGCCCTCCGCGGCCGCTGCCTTGGCACCCAGCGCCACCCGCACACGGC GCTCCGCTAGCCAGGCCGGGAGCAAGAGCCAGGCGGTGGAGAAGCCCGCTCGGAGAAGC CGCGGCTGAGGCGCTCGTCGCGCGGGCCAGGAGGAGGGCCCGGGGAGCCGCCCGCGC CTGAGCTGGCGTTGCTCCCGCCACCGCCGCCCGCCGCGACTCCCGGACCCCGACGT CCTCGGGCTCCAACCTGGACCTGGGCGAGCAGCGGGAGCGCTGGGAGACGTTCCAGAAGC GGAGAAGCTTACCTCCGAGGGTGCCGCCAAGCTCCTGCTAGACACCTTTGAATACCAGG GCCTGGTGAAGCACACAGGAGGCTGCCACTGTGGAGCAGTTCGTTTTGAAGTTTGGGCT CAGCAGACTTGCCATATATTTGACTGCAATTGCAGCATTGCAAGAAGAAGCAGAAATAGAC ACTTCATTGTTCCAGCTTCTCGTTCAAGCTCCTGAAGGAGCTGAGCACATAACGACTT ACACGTTCAACTACAAAAGCCCAGCATACCTTCTGTAAGAGATGTGGCGTTCAGAGCT TCTATACTNCACGATCAAACCCCGGAGCTNCGGAATTGCCCCACTGCCTGGATGAGGC ACTGTGCGGAGTATGGTCACTGGAGAATCCATGGCAGCGATTGGGAGAAGGCCCTGAAA GAGCCCAGACCATTAGGAAGTCTAAAGAGGAGCTTCTGCCCT
Restriction Sites:	NotI-NotI
ACCN:	NM_181716
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:	<u>NM_181716.1</u> , <u>NP_859067.1</u>
RefSeq Size:	1191 bp
RefSeq ORF:	828 bp
Locus ID:	201161
UniProt ID:	<u>Q7Z7K6</u>
Cytogenetics:	17p11.2
Gene Summary:	Required for distribution of pericentromeric heterochromatin in interphase nuclei and for centromere formation and organization, chromosome alignment and cytokinesis. [UniProtKB/Swiss-Prot Function]