

## Product datasheet for **MC210334**

### Cenpp (NM\_025495) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cenpp (NM\_025495) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cenpp  
**Synonyms:** 1700022C02Rik; 4921518G09Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC210334 representing NM\_025495  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATCCGAGACCCGCGAACTGCGGCCCTGGAGGCGGAGGTCGAGCGCTGCAGCGAGAGTGCAGAA  
TGCTGCAAAACGCTGGGAGAAGGCGTCCGGAGCCTGAAATCATTTCAAAAAATTTCCCAATCAGATTC  
TGAGGAGTGGGAATCTTTGAAAGACTTGAGAAGTCAGCTTGAACATTTAAGATCTGAGCACTCATTCTA  
AGTAACTTACTGGCTTCAATATAAGAACTATCCAAGATGGAAGACATTGTAACACTGAAGAGACAG  
AAAAAGATACAAAGAAAGTTCTACAGAAACACAGATTATCAGGAAATTGCAACATGGTGACATTTCACT  
GGAATTTGAGGTTCTGGAAATGGAGACTAAAGAGAAAAATCTTCGATTATAACTGACCTCAGCATAATA  
ATGGAGCCACAGAATATTCAGAATTAAGTGAATTTGCATCTAGAGCAGAAGAAAAAGAGATTTGCTCA  
TGTTTTCCGAAGTCTGCATTTTTTTGTGGAGTGGTGAATATCGTGAGAACACATTTAAGCATTTCAA  
GGAGAAATACCCAGATACTGTATACCTCTGGAGGGTACCTGTTCCCACTGCATGGAGATCCGCAGTACC  
AGACAGCCAGGGTTTGAAGTGGTATTGTCTGGAAGATACAAATCGATGAGGAAGGGATGGTTTTCCAA  
AGCTGGATCTTCTACCAAAGTCCCAGAGCGAGCCCTAGGACTGGACAAGAACAGAGTCATAGAACTGC  
TCCTCTCAGTTTCCGAAGCCTGCTAGGTGTAATTTGGATTGAAGCTGCTCTAGACAGCCTGATAAGATTG  
TTCAGTGGAGATAACA**CTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_025495  
**Insert Size:** 861 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_025495.3</a> , <a href="#">NP_079771.1</a>
<b>RefSeq Size:</b>	1054 bp
<b>RefSeq ORF:</b>	861 bp
<b>Locus ID:</b>	66336
<b>UniProt ID:</b>	<a href="#">Q9CZ92</a>
<b>Cytogenetics:</b>	13 A5
<b>Gene Summary:</b>	Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex (By similarity).[UniProtKB/Swiss-Prot Function]