

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

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGATTCGAGACCCGCGAACTGCGCGCCCTGGAGGCGGAGGTGCGAGCGCTGCAGCGAGAGTGCAGAA
 TGCTGCAAAACGCTGGGAGAAGCGTCCGGAGCCTGGAATCATTTCAAAAAATTTCCAATCAGATTC
 TGAGGAGTGGGAATCTTTGAAAGACTTGAGAAGTCAGCTTGAACATTTAAGATCTGAGCACTCATTTCTA
 AGTAACTTACTGGCTTCAATATAAGAACTATTCCAAGATGGAAGACATTGTAAACACTGAAGAGACAG
 AAAAGATACAAAGAAAGTTCTACAGAAACACAGATTATCAGGAAATTGCAACATGGTGACATTTCAACT
 GGAATTTGAGGTTCTGGAAATGGAGACTAAAGAGAAAAAATCTTCGATTATAACTGACCTCAGCATAATA
 ATGGAGCCACAGAATATTCAGAATTAAGTGAATTTGCATCTAGAGCAGAAGAAAAAGAGATTTGCTCA
 TGTTTTTCCGAAGTCTGCATTTTTTTGTGGAGTGGTGTGAATATCGTGAGAACACATTTAAGCATTTCAA
 GGAGAAATACCCAGATACTGTATACCTCTTGGAGGGTACCTGTTCCCACTGCATGGAGATCCGCAGTACC
 AGACAGCCAGGGTTTGAAGTGGTATTGTCTGGAAGATACAAATCGATGAGGAAGGGATGGTTTTTCCAA
 AGCTGGATCTTCTACCAAAGTCCAGAGCGAGCCCTAGGACTGGACAAGAACAGAGTCATAGAACTGC
 TCCTCTCAGTTTCCGAAGCCTGCTAGGTGTACTTGGTATTGAAGCTGCTCTAGACAGCCTGATAAGATTG
 TTCAGTGGAGATAACAAC TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_025495
Insert Size:	861 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_025495.3 , NP_079771.1
RefSeq Size:	1054 bp
RefSeq ORF:	861 bp
Locus ID:	66336
UniProt ID:	Q9CZ92
Cytogenetics:	13 A5
Gene Summary:	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]