

Product datasheet for **MC201628**

Cenpo (NM_134046) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cenpo (NM_134046) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cenpo
Synonyms:	2810429O05Rik; 8430427C03Rik; D12Ert482e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023148 sequence for NM_134046
 CTTTCAGTTGCTCTCGGCGGAATTCTTAACTGCATCCTGAGTGAGGGAGCTTTGGCGAGAAAGCAAGAC
 CCAGTGGTAGACAGATTAGCATTACTGTACAGCTTCTTTGGGTGTTTCGAGGAAGCCCGGCTGGACCATAG
 TGGCCACGGCGGTGAGGTAGGCGTGGACAGGGCTGACCAAGTTAAGGACATTCGGGTCCATGTTA
 ACCCTGCCTTGTACGTCCAGCATCGTAAGAAAAACACTTGAGAACCCGAAGAGGAGATGGAGTCTGCAA
 ATACTTTGTCCAGGCAGGAAGTGCAAAGGAGGTGTTTTAGCTCACCTGGAAAGACTAGAGGCTCAAAC
 GAACGTATCGAATAGAAAGTCTGAAGAACCAACAGTTTCGTAAGAAAGGAAAGTTCTTTAGAACCAAGATT
 CGCGAACTGCGGCAACAACGAGATAAGCTGAGGGCAGAAGTGAAGCAGTGGGGAGCCAGAGTTAAAGAAC
 CTCCTGCCAAAGAAGACCAAGCAGAACCGTGATCAGTGAACAGGAAGTTCTGGAAGGGAGTGGAGAAA
 TGTGGACGCCATTCTGGAGGCATATCGCTTTACGGGGCTCAGCGGGAAGTTGACCAGTCGTGGCGTCTGC
 ATGTGCATCAGCACAGCCTTTGAGGGGAACCTACTAGATTCTACTTTGTGGACCTTGTCATAGAGAAAAC
 CACTCCGATTTCATCACCATTCCGTCCCAGTCTTCATCCCTCTGGAAAAGATAGCCCGAGCACACCTACA
 GACTGATGTTTCAGCGCTTCTGTTTGTCTCTGGGCATACCTAAATGCCTACGCGGGGAGGAAGTACCAG
 GCAGACCAACTTGAGAGTGACTTCTGCGATGTCCTCACGGGACCTTTCAGAGAAAACGCCCTGTGCAACT
 TGCTGTGCTTACCTATAAAGTGAACAGAGATGCCAGACCTTCTCCTTTCAGTGCAGGTTGCTGTATGA
 GGACCCACAGCAGCTTCCCACGAATGTCAGTGTGACAAGGCCAGGTGTGGAGGCATCATCCCCTCT
 TGGGAAGAGCACAGAGCATCCCATCAGATGCTTCCGTACCAAGCCCCTGCACAAGGTGTTTGCTTCAT
 TTTCAAAGAAACCGAAAAGCTGCATTTGAACCTGGTCTCCTGAAAACTGTTTCTATTTGGGGGGAC
 AGCAGAAATGAACACACTTGTGCTGCCTCCAGTTCAGGACCAGTCAAGAAAAGCTGTTGGGAGAGTGCTT
 GCCTGGATGCCACCATGAGAACAGATACCCACGTCATGGGAATGACAGGGGAGCTTGGCGTACACATAGA
 CAAGTCCGTATCTGTAGGCACTGGGCAGTTGGAACAGTTCTCAAAGTGGCTGCTTGTTCAGTGTCACT
 CGGCCCAGTGTCCAGAATATCTTCTCCTGTAAGCACCAGTGTGACTTGGTTGATGCATATGTTT
 TTGCTGGAATCAGCTAGAATGGGGTAAGTGAAGACCTTTTGAAGCATCTAGCTTTCTGGAAGCTA
 TAAATCCATGATAGGGCTTGTGGTTAAGAAGGGAATTTTTAGTCTTGGGTTTGGAGCAGCATGTGCTGG
 GCCACTATTTGGTGAGAGACAGTATTTTTATACTTGGGGTTCTATGTATTTAATGTTTCTAAAACAGT
 TGGGCAGAGAACAGCATGCGTAAAGTCTTTTAAAGAAACACTGTTGGAATCTACACATAGATCAGGGG
 ACGCTCCTCTGTCATGGCTGTCTCTTCCCATTCTAGAGACTGTTAATGTACCTTTTCTTTTCCACCA
 CGGCTCTGTGCTGTGCAGTGTGTGTTGTTCTCGGCTTAGGGCTTCTTGACATCTTAGGCCTGCCTGCTG
 GTCATGCCCTCTCATTACAACGCCTGCGCTCTCTGCTAGTTAGTCCCAGATAGGATCTTTACTCCACAGG
 CCCAGCGTTTGGGCTTCACTCTAACTTAGCTGCTTCTAGAAAATCTCCATGTGTCGGAGCTCCAGCAAAC
 TCCAGGAAGAATGCATGGAACGTAAGCCATGGGTCCCCTAACAGGTTTGGAATAAAAGGTTTCATGGTCTG
 TGTACAGTAACAGAATTGCCACAACAGTCTCATCAAGTTGAGTAAAGCTTTTAATAAAACAGTCCCTGTT
 CTTTATCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_134046

Insert Size: 897 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: [BC023148](#), [AAH23148](#)

RefSeq Size: 2192 bp

RefSeq ORF: 897 bp

Locus ID: 52504

UniProt ID: [Q8K015](#)

Cytogenetics: 12 2.02 cM

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. Modulates the kinetochore-bound levels of NDC80 complex (By similarity).[UniProtKB/Swiss-Prot Function]