

Product datasheet for MC203160

Cenph (NM_021886) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cenph (NM_021886) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cenph
Synonyms:	1700021111Rik; 2410018A12Rik; 2610042E16Rik; 2810046K12Rik; AU044255; CENP-H; ENP
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC025084
 GAACTGCTGGGTTATTTTCTGTGGCGTTCAAACCTGCGGGCCTTTGCAATGGAGGAGCAGCCGCGGGAGA
 GGTCTGAGGCCGGGGCTGAGGCCTGCGAAGAGAAGCGGGGTCTGTGCGAGCCGCGGAGGAGCGTATCGA
 GGACCGTATCAGCCTGCTGCTCAGGCTGAGAGCTCAGACAAAACAGCAGCTCTTAGAATATAAGTCCATG
 ATCGACACAAATGAAGAAAAAATCCAGAACAGATTATGCAAGAAAAACAGATCGAAGTTAAAATTGAAG
 AGCTGGAGAATGAAATTGAAGATGTA AAAAGTAATATTGAAATGAAAAGTCTTGCACTGAGCAGGATGAA
 ACTTTCAGTTGCACTTCGGGATAACATGGAGAACATGGGACCTGAGAATTGTGTGCTCACAGATGACATG
 AAGCACATATTAAGCTACAAAAGTTAATAATGAAGTCCCAGGAGGAGTCTTCAGAACTGGAGAAAAAGC
 TGCTTGATGTCAGAAAGAAGAGACTACAACAAAGCAAGCTTCAAGAAGTAAAGCTTTTAGAAATACAAAT
 CGAGAAGAACAACAGAAAGAGGATGTCGACAAGATGGAGAATTCTGAAATGATAAAGACCATGAAAAAA
 AACTACAGACGGAGATAAAGATCACTACAGTTGTTCAACATACATTCCAGGGCCTTATTTTGGCGAGTA
 AAACCAACTGGGCAGAGGACCCTGCCCTCAGAGAGACAGTGTGTCAGCTGGAGAAGGACCTCACCACTCT
 ATGAGAAGAATCCCGAGTTTAAAATTGGCTTTGTGACCAATCTGTCAATTAATAGCCGAGTTCATGGG
 AAATGTAATGGTGTGTTTTGGAACCAAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_021886
Insert Size:	726 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).



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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: [BC025084](#), [AAH25084](#)

RefSeq Size: 880 bp

RefSeq ORF: 726 bp

Locus ID: 26886

UniProt ID: [Q9QYM8](#)

Cytogenetics: 13 D1

Gene Summary: Component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres. Required for chromosome congression and efficiently align the chromosomes on a metaphase plate (By similarity).[UniProtKB/Swiss-Prot Function]