

Product datasheet for MR202979

Cenph (NM_021886) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cenph (NM_021886) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cenph
Synonyms:	1700021111Rik; 2410018A12Rik; 2610042E16Rik; 2810046K12Rik; AU044255; CENP-H; ENP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202979 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGAGCAGCCGCGGGAGAGGTCTGAGGCCGGGGCTGAGGCCTGCGAAGAGAAGCGGGGTCTGTGCG
AGGCCGCGGAGGAGCGTATCGAGGACCGTATCAGCCTGCTGCTCAGGCTGAGAGCTCAGACAAAACAGCA
GCTCTTAGAATAAAGTCCATGATCGACACAAATGAAGAAAAACTCCAGAACAGATTATGCAAGAAAA
CAGATCGAAGTTAAAATTGAAGAGCTGGAGAATGAAATGAAGATGTAAGAAATATTGAAATGAAAA
GTCTTGCACTGAGCAGGATGAACTTTTCAGTTGCACTTCGGGATAACATGGAGAACATGGGACCTGAGAA
TTGTGTGCTCACAGATGACATGAAGCACATATTAAGCTACAAAAGTTAATAATGAAGTCCAGGAGGAG
TCTTCAGAACTGGAGAAAAAGCTGCTTGATGTCAGAAAGAGAGACTACAATAAGCAAGCTTCAAGAA
GTAAGCTTTTAGAAATACAAATCGAGAAGAAACAAACAGAAAGAGGATGTCGACAAGATGGAGAATTCTGA
AATGATAAAGACCATGAAAAAAAACACAGACGGAGATAAAGATCACTACAGTTGTTCAACATACATTC
CAGGGCCTATTTTGGCGAGTAAAACCAACTGGGCAGAGGACCCTGCCCTCAGAGAGACAGTGCTGCAGC
TGGAGAAGGACCTCACCCTCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [NM_021886.1](#), [NP_068686.1](#)

RefSeq Size: 1239 bp

RefSeq ORF: 726 bp

Locus ID: 26886

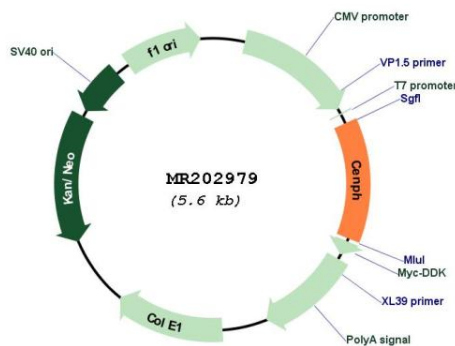
UniProt ID: [Q9QYM8](#)

Cytogenetics: 13 D1

MW: 28.1 kDa

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]

Product images:



Circular map for MR202979