

Product datasheet for **RN207726**

Cenpc (NM_001004098) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cenpc (NM_001004098) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cenpc
Synonyms:	Cenpc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>RN207726 representing NM_001004098

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTCGTTCCATCTGGATCATCTAAAGAACTACCACAGAAGATTTTGCCGGCCTTCAGAGCACCCA
 ACATTCTACAAAGCAAGGCCAGAACATGCTGGAAATCTTACAAGATTGTTTTGAAGAACAGAATTCTAC
 AGAGTCATTGTCTTGTCAACACCTAAAGAGAAAAGACATTTATGTTCAAGTCAACAGGCAAGAGCGCCAA
 GCATCACATTGAGAATCAGTTCCGATTTCTTCAAGGAGGAAGGAAGCTTCTTTGCAAGTTCCTGCAAAAC
 CAAGTGACCTGCTGATGAACAGTTCCAGGCTAATGAAGTTCATCAGAAAATTCTGTCTACTGATGTGGT
 CTCCAAAAGTACACCAGACTCAACCAAAACATCAAGTAAAGGAGTAAAGGTCAACATGGTGCCTGCTGAT
 GAATTGTACTTACCTGGTGGCTCCCTGTGGTTCTTCTGGGTGCAAGAGTGTCCGGGTACAGAAAAGCTA
 TTTTCATCTGGTGGCCAAAAAAGAGTGACTTCAAGGCGTTCAGCAGATATGCAGTCTTCAAATACAGACAT
 TTCTTTTAAAACAGGAAAAGGCTAAACTTCAAGATAAAAGTTATTTGCAACACAGCAGAAAATAGAGAGC
 AGTGCATCACAAGTAGAGGATAGCATATCCGAGGAACAAGAAGGGACATCATCAGAACTTCTCAGAAGA
 GAGACGATCTGAGCTCTGAAATCAACCACAATCTAAAAAGAGCTTTTCAGAGTTGTATTAGAAACTGT
 CAACAGGAAAAGTAAATGCAGTTCTGTTGTTAGGCACACAGCAGCAGTTCATCTCCTCCGTATCCTCCG
 AATGATATGAAATTATTAGAAGATGAATTTATTATTGATGGGCCAGATAGAAGCTTTTCAAGTCAACCTT
 GGGTGGTGATACCAAGGAAAGGCCACCACATGCCATTTCTGAAAACATTGCAGTGCCTCAAGGTAAAGAA
 GTCAAGAGAGAAACCTCATCGTCTGTCCGAGAAGACTTTGGTAAGTAACACACAGACTGATAAGACTGGC
 CCAGTAGAGGAAGCTCAGCTCTCTGTTGAGGAAAACTGGGAAGTACTTTGACAAATGAGTTGAAAAATG
 ATTGTAGATCTACAGAAAATAAAACGCACTCTGAGAATGCGAAAAAACCATCTGCACGAAAAAGGACTGT
 GAAACAGAAAGCAGAGAAGACCCTCTAAGCCTAACATAGCTCAAGAGCTCAGTATGGGACAGAATGAAACT
 GAAAAATAGGAATATGTCAAAAAATGGCCAAAGACAAGTTACAAATAAATTCAAAAAAGAAATATGGAAGACC
 ATGAAGAGGTGAGGAACGAGCCTACCCCAAGAAACCTGTGCCTGCTCTTGAAAAAAGAAAGAAAGGA
 CAGCACCAAGCTAATAAGGAAAAATCTAGAAAGAAATGTTTTCTAGAGAGTCAAGAGGAAATCTGTT
 CCCAAAGAAGTAACTTTGGCTTCAGGAGAGGTCGTAGAAGTCTCAGCATCCGTCTGAGTGGTGGTTGG
 TAAACCAAGTGAAGTTCTGTTGATGGAATTTCTTCAAGGAGAATGAATCATCAATTTTATATCCAAA
 TAGAAAAAACAGACTAAGAGAAATCACGTATCTGAGAATACTGAGAAGAAACCTGTTCCATCGAAAAGA
 AAGAAGAAAGAGATCAGCTCAAGAGAAGTGAAGTCTTTAAATGTAAGGGTTCTGGAGGAAATGATGATA
 TTTCTACTTCCCAGAGGAAGCCGTTGCAAAACATTGACGCAGATCCAACCTCAGAAGAGCCTTCATTGTTT
 TGGACCTACCAGAGGCTCTGAAGATCAAAACAGTGATATGATATCACAGAATGTTCAATTTAAGACTCGT
 AGTGAGCAACATAGAAGCAAGACACAAATGGAATCTACTTCAAATTCGGAAGTGTGTAACATTCAGTGT
 GGAAGAAAGTGGACCTTCCAGGTTCAAGAATCTTGAAATGCCTGGACGCAGTAATCTGAAGTGGGTGA
 CGAAAAGGACCAGAAGAGTTTGGATTGAAAACAAGAAGTTCTAATATGGTACCGAATAGGAATTTACAC
 CACAAATTAGTATTGCCCTCCAACCTACCAAAATGTTCTGATAGTCTAATAGAATACGTTTGAAACCTCTGG
 AATATTGGCGAGGGGAACGAATAGATTATCAAGAAAGCTCATCAGGAAGACTTGTGCTTGAATAGTGTC
 CCCAGCTTCAGAATCAGTGAAAAGAAAGGCCAAAAGAAATCTGGACAAAGTCAACAAAGAAACTAACAAAG
 AAACGGATCCATCTTGATAACCCTACAAAGACTAAGATAAAGGTGAGTCTGGATATTCTCTGGGAGATC
 CCTTCCAGGCAACATTGGCAAAGGACCCGAAACAAGAGAGATTGTCCCATGGATCTTATAAGACCACG
 AGATACATACCACTTTTTTGTGAGCAACATGGTTGAAAGTTTATAAAACATTGAATACAACATTTTTT
 TCTACTGGAAAATTGGTTTTAGGACCCCATGAAGAAAAAGGAAAACAGCATGTTGGTCAAGATATATTAG
 TTTTTTATGTTAACTTTGGTGACCTTCTATGTACATTACATGAAACACCTTATATGCTAACGACCGGGGA
 TTCATTCTATGTTCTTCAGGTAATCATTACAACATTAACAACTCTGAATGTGGAAGTTGTCTTCTT
 TTTACTCAAATAAAAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001004098
Insert Size:	2751 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:	<u>NM_001004098.1, NP_001004098.1</u>
RefSeq Size:	3148 bp
RefSeq ORF:	2751 bp
Locus ID:	305270
Cytogenetics:	14p21
Gene Summary:	centromere autoantigen protein and a component of the inner kinetochore plate; essential for maintenance of kinetochore size and the timely transition to anaphase [RGD, Feb 2006]