

## Product datasheet for **RC225597**

### CENPL (NM\_001127181) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CENPL (NM\_001127181) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** CENPL  
**Synonyms:** C1orf155; CENP-L; dj383J4.3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC225597 representing NM\_001127181  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATTCTTACAGTGCACCAGAGTCAACTCCTAGTGCATCCTCAAGACCTGAAGATTACTTTATAGGTG  
CCACTCCTCTGCAGAAACGATTAGAATCGGTCCAGGAAGCAGAGTTCATTTATCCTGACTCCACCTCGAAG  
GAAAATCCCCAGTGTTCGCAGTTGCAGGAAGATGTTGACCCCAAAGGTTGCATTCTCTGCATAAA  
CAGTGGACTTTATATAGTTAACTCCCTTATATAAATTCTCTATAGTAATCTCAAAGAGTATTCTAGAC  
TTCTCAATGCTTTTATTGTTGCTGAAAAGCAAAAAGGACTTGCTGTGGAAGTGGGAGAAGACTTCAACAT  
CAAAGTGATTTTTTCTACTCTCCTAGGAATGAAAGGAACACAAAGGGACCCGGAAGCATTCTTGTCCAG  
GGTCTCATTTTGTCAACCAGGCTGGAGTACAGTGGCAGCATCTTGTTGACTGCAACCTCTGTCTCTGG  
GCTCAAGTGATCCTTCCACCTTAGCCTTCCAAGTAGCTGGGACTGCAGGTGCATGCCACCACACTCGGAT  
TGTGTCAAAATCTCAATTGCCATCTGAGAATAGAGAAGGTAAGTGTGTGGACTGGCTGGTTCTGCTGT  
GTATTTGGAGACAGTCTTCTGGAGACTGTTTCAGAAGATTTACCTGTCTGCCCTTATTCCTTGCAAATG  
GAGCAGAGTCTAACACAGCAATAATTGGAACCTGGTTTCAGAAAACCTTTGACTGTTATTTCAAGTCTTT  
AGCAATCAATGCATTTAATCTTTCTGGATGGCTGCCATGTGGACTGCATGCAAAATGGACCATTATGTG  
GCTACTACTGAATTTCTTTGGTCTGTACCCTGTAGCCCTCAAAGTCTGGACATTTCTTTGCAATACATC  
CAGAGGATGCAAAAGCTCTATGGGACAGTGTCCACAAAACACTGGGGAGGTTACCCAGGAAGAAGTTGA  
CCTATTCAATGATTGCCTTTATTACATTTCCATAGACATTTCAAATTCATTTATCAGCCACAAGATTA  
GTTCTGTTTCAACATCTGTAGCTTCAGCACATACTGATGGAAAAATAAAGATTCTGTGCATAAATACC  
TTATTGGAGTGTAGCATATTTGACAGAAGTGGCAATTTTTCAAATTGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA





**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\\_001127181.2](#)

**RefSeq ORF:** 1173 bp

**Locus ID:** 91687

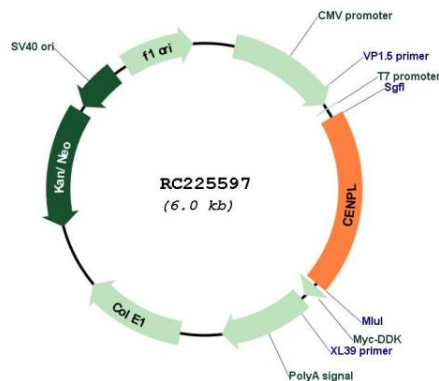
**UniProt ID:** [Q8N0S6](#)

**Cytogenetics:** 1q25.1

**MW:** 43.6 kDa

**Gene Summary:** CENPL is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006) [PubMed 16622420]. [supplied by OMIM, Mar 2008]

### Product images:



Circular map for RC225597