

## Product datasheet for **RN217389**

### Cep120 (NM\_001191697) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cep120 (NM\_001191697) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cep120  
**Synonyms:** Ccdc100; RGD1565619  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN217389 representing NM\_001191697  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTCCCAAGTCCGACCAGCTGCTCATCGTCGATCCATCCTCGAAGGTCGCCATTTCCCAAACGTC  
 CAAAGCATATGCTTGTGGTGAAGCAAAGTTTGGTGGGAGCAGTTGGCCACTGATCCTGTCGACCATAC  
 TGACCAGCCAGAATTTGCTACTGAGTTAGCCTGGGAGATCGACAGGAAAGTCCTTCATCAGCACAGGTTA  
 CAGCGCACTCCCATCAAAGTGCAGTGCTTTGCCTTGGATCCTCAGACTTCTGCCAAGGAAACCGTAGGCT  
 ACATTGTTTTGGATTTAAGAACAGCTCAAGAAACAAAGCAGGCACCCAAATGGTACCAGTTGCTGAGTAA  
 CAAATACACCAAATCAAGTCCGAGGTACAGATAAGCATCACTTTGAAAACAGATACAAAGGCACAGGTG  
 GATAGTTTTAAAGCAAAGGAGCCACCTCGGGATGAAAAGTTCTGCTAGCCTGTTAGGAGTTGACC  
 CTAAGGACATCGTGCCAGTGTGAATGAGGAGGGAGGCTACCATCAGATTGGACCAGCAGAGTGTGTAC  
 TGACTCCTTTACTCTCTCAGTGACCATAGCATTGCCACCCAGTTGGAACAGTTAATCCATGTACCATG  
 AAGCTTCCAGAAAGGCAGCCTGAGTTTTCTTTACTATTCTTTATTGGGAAATGATGTTACAAATGAGC  
 CGTTTTAGTGATTTGATCAACCCGAACCTTGAGCCGGAGAGGGCGTCTGTCGCATACGAAGCAGCGTGGA  
 GGTCTTTCGTGTGTACCTGGCTCTCACTCGAACTGCAGATCCATCTCTGCTGTGGAGACCAGTCACTC  
 GGCAGTACAGAAATACCTCTAAGTGGATTACTGAAGAAGGCAGCACAGAGATTAACCAGCATCCAGTCA  
 CAGTCGAGGGTGCCTTTACCTTGACCCTCAAACCGAGCCAAGCAGAAGCTCGCTCCTGTTCTGTGCA  
 GCTGGCCCAACTGTGGGAGTGTGAGTGGCTCTGCAGAGAGAAGGCATCGGCTCCAGTCTTTAATTGAA  
 TTAAGACCCAGAATGGACATGAGCCTGAGCACTCACAGAAGAGAGTTTTAACCCCATAAAGGAGAAGA  
 CACTCACTGGCCAAAATCACCAAGGGTGTCCCTGCCACCTCAAACCCAGACACCTCCAACCAAGGA  
 CGATGCCACAGAAAGTGAAGTGGAGAGCCTGCAGTACGATAAGGAGCCGAAGCAGGTGGTGAAGGGCACT  
 GGTTCATACCTGCTTTCGTGGCCAGCCAGAGGGGACTGGCAACCCATCAGAAGTGGTGCATCGGGC  
 AGAAGATTGCTGTTCCAGCAACATCACACCACTTCTGCTTTTCAATAGACTTGAGAAGCATCCATGGCTT  
 GGAAATTAGTTTTCCAGTCAACTGCATATTGAGGTAAGTCTACCCATTCTTCGGCAGTGCAGCTCCTATT  
 ATGACTAACCTCCTGTAGAAGTTCGGAAGAACATGGAAGTTTTCTTCTCAGTCTTACTGTGCATTTG



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ATTTTGAACATATGCCTCACCAGCTACAAGACACCTTCCTAAGGATTCCACTGCTTGTAGAACTATGGCA  
 CAAGGATAAAATGAGTAAAGACTTACTCCTTGGGATTGCAAGAATTCAGCTTTCTAACATCTTGTCTTCA  
 GAAAAGACCCGGTTTCTAGGTGCTAATGGTGAACAGTGTGGCGACAGACTTACAGTGAGAAAGTGCCTG  
 TCATAGCGGCCAGGGGTCAAATAACAGGATAGTAGACCTTTCTTACACAATGACTCTGGAGGACTATGG  
 CCTGGTAAAAATGCGTGAGATCTTTGTATCTGAGTCATCTCAGGGCATGTCTGCTGTGGGTCAGAGGGCG  
 TCTCCTCCTCCTCCTCCAGCTCCTTGCCCTTCTGAGATCCAGGTGGAGCCCCGGGAGACCTTAGAGT  
 ACAAGGCTGCACCTGGAGCTGGAGATGTGGAAAGAGATGCAGGAGGACATATTTGAAAGTCAGCTGAAGCA  
 GAAAGAAGCTGGCTCACATGCAAGCTCTTGCAAGAAGAGTGGAAAAAAGGGACCGGAAAGAGAGTCACTA  
 GTGAAGAAAAAGGTAGCTGAGTACAGTATTCTAGAAGGCAAACTTCAACAAGCCCTAACGGAGCTCGAGA  
 GCCGAGAGCAGCAGCTTGTCACTGCAGAGACAGAGCTTCAAAGAGAGAGAAAGGAACTGCAGTTAGAACG  
 AGAGCGGAACCTTCAAGAGCTGCAGGACTCTGTCCGAAGGGCCAGAGACGACTGCGTGCACCAAGTGGAG  
 CTGGAGAGGCTGAAGCTGAAGCAGCTGGAAGAGGACAAACACCGCCTTCAAGCAGCAGCTTAAATGATGCTG  
 AAAATAAGTATAAGATTTTGGAAAAAGATTTTTCAGCAGTCAAGGACCAACAAAACAACAAACCAGAAAT  
 ACGGCTGCAGTCAGAAATAAACCTCCTCACCTTGGAAAAGTTGAACTTGAAGAAAGTTGGAGTCTGCA  
 ACCAAGTCTAAACTGCATTACAAGCAGCAGTGGGGCCGAGCTTTGAAAGAAGTTCAGACTCAAGCAGA  
 GGGAGCAAGAAAGCCAAATGGCTCGCCTTAAAAAACAGCAGGAGGAGTTGGAGCAGATGGCGCTGCGTTA  
 CCTGGCTGCTGAGGAGAAAGACACAGTAAAACTGAGCAACAAGAACTGCTGGACATAAGGAACGAACTG  
 AACAGGTTACGGCAGCAAGAACAGAAACAGTACCAGGACTACAAAGAGATTGCAAGTGGGAAACAGGGCA  
 GCCCTCGGGGCTCTGGGCTGGAAGAAGGCTGGATGACTACTTGACACGCTCTGATAGAAGAACGGGATAC  
 TTTGATGAGAACGGGTGTCTATAACCATGAGGACCGCATAATAAGTGAAGTTCGACCGGCAGATCAGAGAG  
 GTTTTGACAAAAAACAGTCCAGTAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001191697
- Insert Size:** 2970 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:** [NM\\_001191697.1](#), [NP\\_001178626.1](#)
- RefSeq Size:** 4586 bp

RefSeq ORF: 2970 bp  
Locus ID: 307302  
Cytogenetics: 18q11