

Product datasheet for **RN216867**

Cpne1 (NM_001256465) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne1 (NM_001256465) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpne1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216867 representing NM_001256465
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCATTGTGTGACCTTGGTTCAGCTGTCCGTTTCCTGTGACCACCTCATTGACAAGGACATCGGCT
 CCAAGTCTGACCCACTCTGCGTCTTTTACAGGATGTGGGAGGTGCCTGGGCTGAGCTTTGTCGGACTGA
 ACGTGTTTCGCAACTGCTCGAGCCCTGCATTCTCTAAGACTCTGCAGATAGAATACCACTTTGAGACTGTC
 CAGAAGTTACGCTTTGGAATCTATGACATAGACAACAAGACACCTGAGCTGGGGGATGATGACTTTCTAG
 GGGGAGCTGAATGCTCCCTAGGCCAGATTGTGTCCAGCCAGACGCTGACTCTACCCTTGATGTTGAAGCC
 TGGGAACTGCTGGACGGGAACCACTTACAGTTTCAGCTCAGGAGTTAAAGGACAGCCGTGTAGTAACC
 ATGGAGGTGGAAGCTAGAAACCTAGATAAGAAGGACTTTCTAGGAAAATCTGATCCATTCTGGAGTTCT
 TCCGGCAAGGTGATGGGAAGTGGCACCTGGCATATAGAAGTGGGTAGTCAAGAACAACCTGAACCTAC
 GTGAAACGCTTCTCAGTCTCTCCAGATTTCTGTGGCGGGGACCTCAACACACCCATCCAGGTGCGC
 TGCTCAGACTATGACAGTGTGGTGCATGATCTCATCGGTACCTTTCACACTACCTTGGCCCAACTGC
 AAGCAGTCCCGGCTGAGTTTGAATGTATCCACCCTGAGAAGCAGCAGAGAAAAGAAAGCTACAAGAACTC
 TGGAACTGTCTGTGTCAAGACTTCCCGGTAGAGACAGAGTATTCCTTCTGGACTATGTGATGGGAGGC
 TGCCAAATTAACCTTACCCTGGGTGTGGACTTCACTGGCTCCAACGGTGACCCATCCTCACCTGACTCCC
 TGCACTATCTGAGCCCTACAGGAGTCAATGAGTATCTGACAGCCCTGTGGAGTGTGGGCAGCGTGGTTCA
 AGACTATGACTCAGACAAGCTGTTTCCAGCATTGGATTGGAGCCCAAGTACCCCTGATTGGCAGGTC
 TCACATGAGTTTGCCTTGAACCTCAACCCAGTAACCCATACTGTGCAGGCATCCAGGGTATCGTAGACG
 CCTACCGTCAAGCACTTCCCAAGTTTCTCTCTATGGCCCCACCACTTGCACCCATCATCAACCACGT
 GGCCAGGTTTGCAGCTCAGGCTGCACAACAGAGGACTGCCTCGCAATACTTCGTACTGCTGCTCTTGACT
 GACGGCGCTGTGACCGATGTGGAGGCCAGTGTAAAGGCTGTGGTGAAGCCTCAAAGCTGCCATGTGCGG
 TGATCATCGTGGGTGTGGGTGGTGTGACTTTGAGGTCATGGAACAGCTGGATGCTGATGGCGGCCACT
 TCGTACACGCTCTGGAGAAGCAGCTGCCCGAGACATAGTGCAGTTTGTGCCTTATCGACGATTTCAAGT
 GCTCCACGGGAGACACTTGAATGACTGTGCTTGCAGAAGTGGCCACTCAGATGGTTTCTACTTCAAAG
 CCCAAGGTTGGGCCCATTAAGACTCCAGCCCCAGCCAAGGGCCCTGCACAGGCCCCACAGGTGTA
 G

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001256465
- Insert Size:** 1611 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_001256465.1](#), [NP_001243394.1](#)

RefSeq Size: 1611 bp

RefSeq ORF: 1611 bp

Locus ID: 362249

UniProt ID: [D4A1R8](#)

Cytogenetics: 3q42