

Product datasheet for **RN216888**

Cpne2 (NM_001256466) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne2 (NM_001256466) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpne2
Synonyms:	Cpne2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216888 representing NM_001256466
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCTACATTCGGATGGGGGCCCTCCCACTGCAGGGGCATCCCCTTGGTTCTCAGTGCTGTGTGT
 GCAAAGTGGAGCTGTGAGTGGCCAGAACCTGCTGGACCGGGACGTACCTCCAAGTCTGACCCTTT
 CTGTGTCTCTTTATAGAGGACAACGGCAGGTGGATGGAGTTCGACAGAACAGAAACAGCCATCAACAAC
 CTCAACCCGGCCTTCTCTAAGAAGTTTGTGCTGGACTACCACTTCGAGGAGGTGCAGAAGCTCAAGTTCTG
 CTCTGTTTGACCAGGACAAGTCCAGTGCACAGTTGGATGAGCATGACTTCCTGGGCCAGTTCTCTGACG
 CCTTGGCAGGATTGTCTCCAGCAAGAAGATCACTAGGCCTCTGCTGCTGATGAATGACAAGCCTGCAGGG
 AAGGGCTTAATCACGATCGCAGCCCAAGAGCTGTGACACAACCGGTCATCACTGAGCCTGGCCGGCC
 GGAAGCTGGATAAGAAGGACCTCTTGGGAAATCAGACCCGTTCTTGTAGTTTTATAAGCCGGGAGATGA
 CGCAAGTGGATGTTGGTCCACAGGACTGAGGTGATTAAGTACACCTGGATCCTGTATGGAACCATTC
 ACTGTACCGTTGGTATCCTTGTGTGATGGTGACCTGGAGAAGCCCATCCAGGTTATGTGCTACGACTATG
 ACAATAATGGAGGTCATGACTTCATCGGCGAGTTCAGACCTCTGTGTTGCAGATGAGCGAGGCTCGGGA
 TGGTGTCCCGCTGGAGATGGAGTGCATCAATCCCAAGAAGCAGAGGAAGAAGAAAAGCTACAAGAACTCG
 GGCATCATTATTCTGAGATCATGCAAGATACACCGAACTACTCATTCTGGATTATATTCTGGGAGGCT
 GCCAGCTCATGTTACCGTTGGAATAGACTTCACAGCCTCCAACGGGAATCCCCTCGACCCTTCTCTCT
 CCATTATATCAACCCATGGGCACCAATGAATATTTGTCAGCCATCTGGCAGTGGGACAGATCATTGAG
 GACTATGACAGTGATAAGATGTTCCCTGCTCTGGGTTTGGGGCCAGTTACCCCGGACTGGAAGGTGT
 CCCATGAGTTCGCTATCAACTTCAACCCCACTAATCCTTCTGCTCAGGCGTGGATGGCATCGCCAGGC
 GTACTCAGCCTGTCTGCCCCACATTGCTTCTATGGCCCCACAACTTCTCCCCTATCGTCAACCCAGTG
 GCCCGGTTTGCAGCCAGGCCACAGAGCAGCAGACAGCAACGCAGTACTTCATCCTCTCATCACTG
 ACGGGGTGATCAGTGACATGGAGGAGACACGGCAGCCGAGTGCAGGCCTCCAAGCTGCCATGTCCAT
 TATCATTTGGGTGTGGGCAATGCTGACTTTGCAGCCATGGAGTTTCTAGATGGGACAACCGTAGACTG
 CGCTCACATACAGGCGAGGAGGCAGCCGGGACATTGTGAGTTCGTGCCCTCCGAGAGTTCCGCAATG
 CAGCCAAAGAACGCTGGCTAAAGCGGTGCTTGCAGAGCTTCTCAGCAGGTAGTGCAGTATTTCAAGCA
 TAAAAACCTGCCCCACCAACTCGGAGCCTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001256466

Insert Size: 1647 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_001256466.1](#), [NP_001243395.1](#)

RefSeq Size: 1647 bp

RefSeq ORF: 1647 bp

Locus ID: 498972

Cytogenetics: 19p13