

Product datasheet for **RN204822**

Cpne3 (NM_001107917) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne3 (NM_001107917) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpne3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204822 representing NM_001107917
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGCGCAGTGCCTCACGAAGTGGAGCTAAATATTTCTGTAAACAGCCTTTTGGATACTGATCTAA
 CGTCAAAGTCCGACCCTTTATGTGTGTTGTTTTGAACACCAGTGGTCAACAGTGGTATGAGGTTGAACG
 CACAGAAAGGATTAAGAATTCCTTTGAATCCCAAATTTTCTAAGACATTTGTCATTGATTACTACTTTGAA
 GTGGTTACAGAAATGAAGTTTGAATCTATGATATTGACAACAAAATATCGAGCTGAGTGTGATGACT
 TCTTGGGAGAATGTGAAGTACCCTTGGACAAATGTTTCCAGTAAGAAGCTGACTCGACCACTGGTGCT
 CAAAAATGGCAAACCTGCAGGGCAAGGGAGTATTACGATTTTAGCAGAAGAAATAAAGGATAACAGAGTG
 GACTGTTTGAATGGAAGCCAGAAAATGGATAAATAAGGATCTCTTTGGGAAGTCAGATCCATACCTGG
 AGTTTACAAGCAGACATCAGATGGCCACTGGCTGATGGTTCACCGAACAGAGGTTATAAAAAACAACCT
 GAATCCCATGTGAAGCCTTTTAAAATCTCTCAACTCTCTGTGCTATGGAGATATGGACAAGACCATT
 AAGGTAGAGTGTTATGATTATGACAATGATGGATCACATGATCTCATTGGAACATTTCAAACCACCATGA
 CAAAATCAAAGAAGCCTCCAGGAGCTCACCTGTTGAATTTGAATGCATAAATGAAAAAAGAGACAGAA
 GAAAAAAGCTACAAGAATTCAGGTGTTATCGTTGTAAGCATTGTGAGATTACTGTAGAATGCACATTT
 CTTGACTACATCATGGGAGGGTCCAGCTGAATTTTACTGTGGGAGTGGACTTCACTGGCTCCAACGGTG
 ACCCCAGTTCTCCAGACTCCCTGCATTACATCAGCCAAATGGTGTTAATGAGTATCTGACTGCCATCTG
 GTCTGTGGGATTGGTAGTTCAAGATTATGATGCTGATAAAATGTTTCCAGCTTTTGGCTTTGGAGCTCAG
 GTTCTCTCAGTGGCAGGTGTCTCATGAATTTCCAATGAACCTTAACCCCTCGAACCCCTACTGTAATG
 GGATCCAAGGCATTATAGAGGCTTATCGGACCTGCCTTCTCAGATAAGACTCTATGGACCAACTAATTT
 TTCTCCGATTATAAATCATGTGGCCAGGTTTCCGCTGCAGCCACGCAACAGCAGACAGCTTCTCAGTAC
 TTTGTGCTCCTCATCATCAGGATGGCGTGATCACAGACCTTGATCAAACCAGACAGGCAATCGTCAGTG
 CGGCCAAGCTGCCATGTGATCATCATTGTGGGGTTGGGGGAGCTGACTTCAGTGCCATGGAATTTCT
 AGACGGTGACAATGGAAGCCTCCGCGCCCCATCCGGGAGGTGGCCATAAGAGATATTGTTCAAGTTGTG
 CCTTTCAGACAGTTCAGAAATGCTCAAAGGAAGCACTTGCAGTGTGCTTGGCAGAGATCCCCCAGC
 AGGTGGTGGGTTACTTCAACACATACAGACTCCTTCTCCAAAAACCCAGCTGTGAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107917
- Insert Size:** 1602 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: [NM_001107917.2](#), [NP_001101387.2](#)

RefSeq Size: 1602 bp

RefSeq ORF: 1602 bp

Locus ID: 313087

Cytogenetics: 5q13