

## Product datasheet for **RN213740**

### **Cpne7 (NM\_001108454) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cpne7 (NM_001108454) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpne7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN213740 representing NM\_001108454  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGCGCGACTCGGAGCGCACGGTGGCCCCGGGGTGGTGCCTGCACCCTGCGCTCGAAGTGGAGC  
 TCGCGGTGAGCTGCCGGACCTGCTGGATCGGGATCCGCTGACCAAGTCGGACCCAGCGTGGTGCCTGCT  
 GCAGCAGGCACAGGGCCAGTGGCTACAGGTGGACAGAACGGAGGTGGTGAAGAGCAGCCTGCATCCTGTG  
 TTCTCAAAGTCTTCACTATGGACTATTACTTCGAGGAGGTGCAGAAGCTACGATTTGAGGTGTACGACA  
 CCCACGGGCTAGTGGGCTGAGTTGCCAGGATGATGACTTCTAGGGGGCATGGAGTGTACCCTGGGTCA  
 AGACCTCTTCAGCAAGTCGGACCCCTTCTAGAGCTGTATCGGGTCAACGACGACGGGAGTGAACAGCTG  
 GTGTACAGGACAGAGGTCGTGAAGAATAATCTTAACCCAGTGTGGGAACCCTTCAAGGTGTCCCTGAATT  
 CGCTCTGCAGCTGCGAGGAGACACGGCCTCTGAAGTGCCTGGTCTGGGACTATGACTCCCGAGGAAAGCA  
 TGACTTCATTGGCGACTTCACCACCACCTTCGCAGAGATGCAGAAGGCCCTTGGAGGAGCAGGCCCAG  
 TGGGACTGTGTAATGCCAAGTACAACAGAAGAAGCGCAATTACAAGAACTCTGGGGTGGTGTATCCTGG  
 CCGACTGAAGGTAGCCATCGACTTCACAGCCTCCAATGGTGACCCAAGGAACAGCTGCTCCCTCCACCA  
 CATCAACCCTTACCAGCCAACGAGTACCTGAGGGCGCTGGTGGCCGTGGGCGAGGTCTGCCAGGATTAT  
 GACAGTGACAAGCGATTTTCTGCTTTGGGATTTGGAGCCCGGATACCTCCAAAGTATGAGGTGTCCCATG  
 ACTTTGCCATCAACTTCAACCCCGAGGACGATGAGTGTGAAGGGATCCAGGGTGTGGTAGAGGCCTACCA  
 GAACTGCCTGCCAGGGTCCAGCTCTACGGCCCCACCAATGTGGCCCCATCATCTCTAAGGTGGCACGC  
 ATGGCAGCAGCTGAGGAGCGCACAGGGGAGGCTTCTCAATATTACATACTGCTGATCCTCACGGACGGTG  
 TGGTACGGGATATGTCGGACACTCGAGAGGCCATCGTGGCGCCCTCCACCTGCCCATGTCTGTCTCAT  
 TGTGGGGTGGGCAACGCCGACTTCACGGATATGCAAATCTTAGATGGGGATGATGGAATCCTACGCTCA  
 CCACGGGGCGAGCCTGCACTCCGAGACATCGTTAGTTTGTGCCCTTCCGTGAGCTCAAGAATGCGTCCC  
 CTGCGGCACTGGCCAAGTGTGTGTGGCCGAGGTGCCAAAGCAGGTGGTTGAGTACTACGCCACAAGGA  
 CCTGCCTCCTCGAAGCCTTGGTGGCCAGACTGGAGAGGCTGGTCCAGCTCAGCGCCATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108454
- Insert Size:** 1461 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\\_001108454.1](#), [NP\\_001101924.1](#)  
RefSeq Size: 2212 bp  
RefSeq ORF: 1461 bp  
Locus ID: 361433  
Cytogenetics: 19q12  
Gene Summary: Calcium-dependent phospholipid-binding protein that may play a role in calcium-mediated intracellular processes.[UniProtKB/Swiss-Prot Function]