

## Product datasheet for **RN201144**

### **Cpn1 (NM\_053526) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cpn1 (NM_053526) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpn1
Synonyms:	Cpn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN201144 representing NM\_053526  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCAGACCTGCCCTCAGCCTTCTGCCCTCCTCCTCTCCAAGTTGTTACCCCGGTGACCTTTC  
 GTACCACCGCTACGACGACCTCGTGCGGACGCTGTACAAGGTGCACAACCAATGCCCGGACATCAGCGG  
 GCTCTACAACATCGGGCGCAGCGTGAAGGGGAGGTACCTCTACGTGCTGGAGTTTAGCGACTATCCTGGG  
 ACCCATGAACCCTTGGAACCGGAAGTCAAGTACGTGGGGAACATGCACGGGAACGAGGTGCTGGGCCGCG  
 AACTGCTGCTGCAGCTGTCGGAATTCCTCTGCGAGGAGTCCGGAACCGGAACGAGCGCATCCTGCGCCT  
 CATCCAGGACACCCGATTACATCCTTCCATCCATGAACCTGACGGCTACGAGGTGGCTGCTGCCAG  
 GGCCAAACACGCTCTGGGTATCTGGTTGGTAGGAACAATGCAAATGGGGTGGACCTGAACCGAACTTCC  
 CGGATCTCAACACCTATTTCTACTACAATTCGAAGTATGGCGGCCCAACCACCCTGCCCTCCCTGA  
 CAACTGGAAAAGTCAGGTGGAACAGAGACCCGGGCGAGTATCCAGTGGATTCGATCCTTAAACTTCGTT  
 CTCTCAGCCAATATGCACGGCGGGCTGTGGTGGCCAATTACCCATATGACAAGTCACTGGAACACAGGT  
 TCCGAAGTCCCATCGCACCTCCAATTCACCCACACCGGATGACGAGCTCTTCCAGACGCTGGCCAAAGT  
 CTACTCTACGCACATGGATGGATGCACCAAGGTTGGAAGTGTGGGGACTACTTCCAGACGGCATCACC  
 AATGGGGCATCCTGGTATTCTCTAAGCAAGGGAATGCAAGACTTCAATTCTCCATACCAACTGCTTTG  
 AGATCACCTAGAGCTGAGTTGCAACAAGTTTCCCGGCAAGAAGAGCTGCAAAGGGAGTGGCTGGGTAA  
 CCGGAAGCCTTAATCCAGTCTTGGAACAGGTTACCAGGGCATCAAGGGAATGGTGTGACGAGAAC  
 TATAAACACCTCACAGGGGCTGTCATTTCCGTACCAGGATCAACCACGATGCACTTCAGGTGAACACG  
 GGGATTATTTCCGGCTGCTGCTCCAGTACTTACTCAGTCACTGCCAAGGCATCAGGGTATGAGCCCAA  
 AACAGTACTGTGACCGTGGGGCTGCGGGACCAACACTGGTTGACTTCCAGCTCAAGCGAAGCAGCACT  
 CAGGTGCACCCTGTGCAGAAAGCTCCTGGCCGAGGACAGGGAAGCAGGGCAAAGCAGCCCGGACATCCA  
 GAAAGAAAGACCAGGCAGCAAAGCGGCACAGGGCCCTGCATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_053526
- Insert Size:** 1374 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\\_053526.2, NP\\_445978.1](#)  
RefSeq Size: 1780 bp  
RefSeq ORF: 1374 bp  
Locus ID: 365466  
UniProt ID: [Q9EQV8](#)  
Cytogenetics: 1q54  
Gene Summary: cleaves carboxy-terminal lysine residues from biologically active peptides [RGD, Feb 2006]