

Product datasheet for **RN206796**

Cpn2 (NM_001107085) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpn2 (NM_001107085) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpn2
Synonyms:	RGD1305170
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206796 representing NM_001107085
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAATTCTCTTCTGTTCCGAGGAAAAACCAGGGCTTCTGGCCCCACCTGCCAGCCCTCACGAAAA
 TGTTCAGGGAGCCTGGTTATGTTGGGCCCTCACTCCTGCTCCTGGTCAGAGTCACCCAGCCTTGCCCGT
 GGGCTGCGACTGCTTCGACAGGAAGATATTCTGCTCGGATGAGCAGCTGGCTGCTATCCCCCTGGACATC
 CCCTCACATGTACAGACATTGTCTTTGTGGAGACTTCCTTCACCACGGTGGGGACCAGGGCTTTACAGCG
 GTAGTCCCAACCTGACCAAGGTGGTCTTCTCAACACTCGGGTCCATCACCTGGAGCCTGATGCCTTTGG
 GGGACTGCCAGGCTGGAGGACCTGGAGGTCACAGGCAGCCCTTCTCTAACCTCAGTGCCAACATCTTC
 TCTAACCTGAGCTCACTGGGAAGCTGACCCTGGACTTTAACAGGCTGGCGGCTCTGCTGAGGACCTCT
 TTCACCACATGGACACCCTGGAGTCCCTCCAGCTTCAGGGAAACCAACTCCAGACCTTGCCCGGAGACT
 ATTCCAGTCTCTGAGGTATCTGAGAACCCTCAACCTGGCTCAGAACCTCCTGACACAACCTGCCGAAGGGG
 ATGTTCCAGTCGCTCAGCAGCCTGCAGATATTGAAGCTGAGTGACAATATGTTCCGCCAGGCTCCCGGAGG
 GAGTGTGAGCAATCTGGGCAGCCTGCAGGAGCTTTTCTGGACAGCAATGCCATCACGGAGCTGTCCCC
 ACATCTGTTCTCACACCTGCTCAGCCTGGAGAAGCTGTGGCTGCAGCATAATGCCATCAGTCACCTGCCG
 GTCTCCGCCTTCTCCTCCCTGCGGAATCTGACCTTTCTAAACCTGAAGGACAATGCACTGCGGACTCTGC
 CTGCCGGTCTCTTCAACCACAACCCAGGCTGCTTACCTGTCCCTTCTACAACCAGCTGGAGACTGT
 CCCTGAGGGCAGCTTTGCCAACCTGAGGAAGCTCGCTTCCCTCACGCTCTCCACAACGCCATCACCCAC
 CTGCTGAGAATGTCTTCAGGAATCTTGAGCAGTTGGTCAAACCTCTCTGGACAGCAATAACTTGACGG
 TCTTGCACCCAACCTCTTTTCACAACTTGTCCAAGCTTCAGCTCCTCGACTTGTCCAGGAACCCAGCTGAC
 CATGCTCCCTGGGGCATCTTTGACACCAACTATGACCTTTCAACCTGGCCTTGCTCGGCAACCCCTGG
 CAGTGTGACTGCCGTCTGTCTACCTCACCAGCTGGCTCCGTCTCTACAACGACCGGATCTTCAACACCC
 ACACTTCTGTGCAGGCCCGGCATACCTCAAGGGCCAGTTGGTGCCAACTTGAAGCAGGAGCAGCTCGT
 ATGTCCGGGCAACCCAGGCCAGTTGGGGCTAGATGACAGGGAGCCAGCAGGCAGCTGGGATCTGGCTGTG
 GAGGGAAGGGCAGCTCACAGGCAGTGTATCTACGGCAACCCAGAGGGCAGCTGTGCTGCTTGCCTGCGAGG
 AGGCCAGTGTGCTGGCTGAACATCCAACCTGTCTTCCCGGGAGGGCTCAGATGTCACAGCAATGGCCTA
 CAATTCCAGTCAGGAGTGGGAGTTGAGGTCAACCTGTGGCTCCGTGAGGGTCACTGTGCTATTGAGGCT
 CAAGCTGCTGGGCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107085
- Insert Size:** 1698 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_001107085.2](#), [NP_001100555.1](#)

RefSeq Size: 1698 bp

RefSeq ORF: 1698 bp

Locus ID: 303861

Cytogenetics: 11q22