

Product datasheet for **MC218840**

Cpn2 (NM_027904) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpn2 (NM_027904) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpn2
Synonyms:	1300018K11Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218840 representing NM_027904
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCCCGGGAGCGTGGTTGTGCTGGGTCTCACTCCTGCTCCTGGCGAGGCTCACCCAGCCTTGCCCCG
 TGGGCTGCGACTGCTTCGGCAGGGAGGTCTTCTGCTCAGACGAGCAGCTGGCCGACATCCCTCCGGACAT
 CCCCCACACATCACAGACATTGTCTTTGTGGAGACTGCCTTCACCACGGTGAGGACCAGGGCTTTCAGC
 GGTAGCCCCAACCTGACCAAGGTGGTCTTCTCAACACTCAGGTCGGTACCTGGAGCCCGATGCCTTTG
 GAGGACTGCCAGGCTGCAGGACCTGGAGATCACGGGCAGCCCCGTCTCAACCTCAGCGCCACATCTT
 TTCTAACCTGAGCTCACTGGAGAAGCTCACCTGGACTTTGACAGGCTGGCGGTCTGCCTGAGGATCTC
 TTTTGCCACATGGACATCTGGAGTCCCTCCAACCTCAAGGAAACCAACTCCGAACCTTGCCCGGGAGAC
 TATTCCAGTCTCTGAGGGATCTGAGAACCCTAACCTGGCTCAGAACCTCCTGACACAGCTGCCTAAGGG
 GCGTTCAGTCACTCACTGGCCTGCAGATGTTGAAGCTGAGTAAACAATATGCTTGCCAGACTCCCCGAG
 GGAGCGCTGGGCAGTCTGAGCAGCTGCAAGAGCTCTTCCTGGATGGCAATGCCATCACAGAGCTGTCCC
 CACATCTGTTCTCACAGCTGTTACGCTAGAGATGCTATGGCTGCAGCACAATGCCATCTGCCACCTGCC
 GGTCTCTCTTCTCCTCCCTGCACAATCTGACCTTTCTAAGCCTGAAGGACAACGCACTGCGGACTCTG
 CCCGAGGGTCTCTTTGCCACAACCAGGGCCTCCTTCACTGTCTCTTTCCTACAACCAGCTGGAGACCA
 TCCCCGAGGGGCTTACCAACCTGTCACGTCTTGTTCCTCACGCTCTCGCACAATGCCATCACTGA
 CCTTCCGAGCATGTTTTCAGGAACCTCGAGCAGTTGGTTAACTCTCTCTGGACAGCAATAACTTGACG
 GCCCTGCACCCGGCTCTCTTTCACAATCTGTCCAGGCTTCAGCTCCTCAACTTGCCAGGAACCAGCTGA
 CCACGCTCCCCGGGGCATCTTTGACACCAACTACGACCTTTCAACCTGGCTTTGCTTGCAACCCCTG
 GCAGTGGCAGTGCATCTGTCTATCTCACCAGTTGGCTCCGTCTTACAACAACCAGATCTCCAACACC
 CATACTTTCTGTGCAGGCCCGCATACCTCAAGGGCCAGTTGGTGCCAACTTGAAGCAGGAGCAGCTGA
 TATGCCCGGTCAACCCAGGCCACTTGTGCTTCCAGGGCCCTGGGGCTAGATGAGGGGGAGCCAGGGGCGAG
 TTGGGATCTGACTGTGGAGGGGAGGGCAGCTCACAGCCAGTGTGCTACAGCAACCCTGAGGGCACTGTG
 CTGCTTGCTGTGAGGAGAGCCGGTGTGCTGGCTGAACATCCAGCTGTCTTCCCGGGACGGCTCAGACT
 CTGCAGCAATGGTCTACAATCCAGTCAAGGAGTGGGGCTGAGGTCAAGCTGCGGCCTCTAAGGGTAC
 TGTGTCTATTGAGGCTCCGGCTGCTGGCCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_027904
- Insert Size:** 1644 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_027904.3](#), [NP_082180.2](#)

RefSeq Size: 4583 bp

RefSeq ORF: 1644 bp

Locus ID: 71756

UniProt ID: [Q9DBB9](#)

Cytogenetics: 16 B2

Gene Summary: The 83 kDa subunit binds and stabilizes the catalytic subunit at 37 degrees Celsius and keeps it in circulation. Under some circumstances it may be an allosteric modifier of the catalytic subunit (By similarity).[UniProtKB/Swiss-Prot Function]