

Product datasheet for **MC205440**

Cpne2 (NM_153507) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne2 (NM_153507) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpne2
Synonyms:	3322401K10Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031801
CGCAGCCGGGGCCGAGGAGGGCCAGCCCCAGCCCGGGCGAGCGCACGAGTGGGTACGGCCGCGCGGGTA
GCGCCCTGAGCCTGTCCCGCGCCGCCCGCCGGCCGACAGCACAGCGCGCGGGGATGCCCGGGCGGCCGG
AGCACGCTGAGGCTGCGGAAAGCGCGACTGCCAGGAACTGTTGCTGTGCCGCCACCAACCCCATGGCC
TACATCCGGATGGGGGTGCTCTACCGCTGGGGCCATCCCCTGGGTTCTCAGTGCTGTGTGCAAAAG
TGGAGCTGTCAGTGAGTGGCCAGAACCTGCTGGACCGGGATGTCACCTCCAAGTCTGACCCCTTCTGTGT
CCTCTTTATAGAAGACAATGGCAGGTGGATGGAGTTCGACAGAACAAGAACAGCCGTCACCAACCTCAAC
CCAGCCTTCTCCAAGAAGTTCGTGCTGGACTACCACTTCGAGGAGGTGCAGAAGCTCAAGTTCGCCCTGT
TTGACCAGGACAAGTCCAGTGCCCAAGTTGGATGAGCATGATTTCTGGGCCAGTTCTCCTGCAGCCTGGG
CACGATTGCTCCAGCAAGAAGATCACTAGGCCTCTGCTGCTGATGAATGACAAGCCAGCGGGGAAGGGC
GTAATCACGATTGCAGCCCAAGAGCTGTGAGACAACCGAGTATCACACTGAGCCTGGCTGGCAGGAAAC
TGGATAAGAAGGACCTCTTTGGGAAGTCAGACCCTTTTCTTGAGTTTTACAAGCCAGGAGATGATGGCAA
ATGGATGCTGGTCCATAGGACCGAGGTGATTAAGTACACCCTGGACCCGGTGGAAACCATTCACTGTC
CCGTTGGTGTCTTGTGTGATGGCGACCTGGAGAAGCCATCCAGTTATGTGCTACGACTATGACAGTA
ATGGAGGCCATGACTTCATCGGCGAGTTCAGACCTCTGTGCTGCAGATGAGCGAGGCTCGGGATGGTGT
CCCCTGGAGATAGAGTGATCAACCCCAAGAAGCAGAGGAAGAAGAAAAGCTACAAGAAGCTCGGGCAGC
ATTATTCTGAGATCATGCAAGATACACCGAAACTACTCATTCTGGACTACATTCTGGGAGGCTGCCAGC
TCATGTTACCGTTGGAATAGACTTCACAGCCTCCAATGGGAATCCCCTCGACCCCTTCTCTCTCCATTA
TATCAACCCCATGGGCACCAATGAATACTTGTGAGCCATCTGGGCAGTGGGACAGATCATTCAAGGACTAC
GACAGTGATAAGATGTTCCCTGCTCTGGGATTTGGGGCCAGTTACCACCAGACTGGAAGGTGTCCCATG
AGTTTCGATCAACTTCAACCCCACTAACCCCTTCTGCTCAGGCGTGGATGGCATCGCCAGGCGTACTC
AGCCTGTCTGCCCCACATTGCTTCTATGGCCCCACAACTTCTCCCCGATCGTCAACCATGTGGCCCGG
TTTGCAGCCCAGGCCACCCAGCAGCAGACAGCAACGCAGTACTTATCCTCCTCATCACCCGACGGGG
TCATCAGTGACATGGAGGAGACTCGGCACGCCGTGGTGCAGGCCTCCAAGCTGCCATGTCCATCATCAT
CGTGGGTGTGGGCAATGCTGACTTTGCAGCCATGGAGTTTCTAGACGGGGACAACCGTCCGACTGCGCTCA
CACACAGGCGAGGAGGGCCCGGAGATATCGTGCAGTTCGTGCCCTTCCGAGAGTTCGCAACGCAGCAA
AAGAAACGCTGGCTAAAGCGGTGTTGGCGGAGCTGCCTCAGCAAGTAGTGCAGTATTTCAAGCATAAAAA
CCTGCCCCCACCACCTCAGAGCCTGCCTGAGCCATGCCAGCCGAGCATGCCAGCTGAGCCCCCGGC
CTCCCCAGGAACATGCACGTTACCCCGCTTCTCGTGGGTGGCTTTTTTTTTTTTTTTAAACCAGTCCA
CGTTTTTCATTTTTACAAGTGGACTCCACCCACAACCTCCCCAGCCAGCTGGGCTCCCTTTGTCAGAG
TCAATGGATGATGCTTCCAGGACAAATCGCTTCTCTCCCCACCCTCCTGCCACTAAGTATTGAATG
TACTTTGTATAATTTTAGTGGAATTATTGTTATTAAAGAGAATAAAATTTTTACAATCATAACTGGCTTT
TTCTAAGTAACTAGCTGCAAGAAGGAATGTATATCCCTTACTGCATACTTTGTATGGTGGTCTGCTGTTT
TTATACTGTGACTGTGTTCTATTTGTAATAACTCAGGGTAATAAAGGAGTTTCAGATGTTGAAAAA
AAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_153507

Insert Size: 1647 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: [BC031801](#), [AAH31801](#)

RefSeq Size: 2327 bp

RefSeq ORF: 1647 bp

Locus ID: 234577

UniProt ID: [P59108](#)

Cytogenetics: 8 C5

Gene Summary: Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene is one of several genes that encodes a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. [provided by RefSeq, Jul 2008]