

Product datasheet for **MC205042**

Cpne6 (NM_009947) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne6 (NM_009947) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpne6
Synonyms:	AU067659; BB076446
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC050766
 TGGCGCCAGCGGCTGGAGCAGCGAGGAAGTCAGGGGCAGGGCGGAAGACTGCAGACTGGAGAGAGGAGAC
 CCCCACTAAGAGCCCAGGTTGTCTGTTCTTTCCCCACAGTGCCATGTCGGACCCAGAGATGGGATGGGT
 GCCTGAGCCCCCGCCATGACCTTGGGAGCCTCTCGAGTGGAGCTGCGGGTGTCTGCCATGGCCTGCTG
 GACCGAGACACGCTCACAAAGCCGCATCCATGTGTGCTGCTCAAACCTCTACTCGGATGAGCAGTGGGTGG
 AGGTGGAACGCACGGAGGTGCTTCGCTCCTGTTCAAGCCAGTCTTCTCCCGGTGCTGGCCATTGAATA
 CTTTTTTGAAGAGAAGCAGCCTTTGCAAGTCCACGTGTTTCGATGCCGAGGATGGAGCCACCAGCCCCAGC
 AGCGACACCTTCTCGGGTCTACGGAGTGACCTTGGGCCAGATTGTGTACAAAACCAAGGTCACCTAAGC
 CATTACTGCTGAAGAATGGGAAGACGGCGGCAAGTCTACTATCACGATTGTGGTGAGGAGGTATCAGG
 TACCAACGACTATGTGCAACTTACCTTCAGAGCCACAAGCTGGATAACAAGGATCTGTTAGCAAGTCT
 GACCCCTTCATGGAGATTATAAGACCAATGGAGACCAGAGTGACCAACTGGTCTGGAGGACTGAGGTGG
 TGAAAAACAACCTGAACCCAGCTGGGAGCCATTCGCTGTCTTGCATTCTTTGTGCAGCTGTGACAT
 CCACAGGCCGCTCAAGTTCCTGGTATATGACTATGACTCCAGTGGAAAGCAGGACTTCATCGGCGAGTTC
 ACCAGCACATTCCAGGAAATGCAAGAGGGGACCGCAAACCCTGGCAGGAGATGCAGTGGGACTGTATCA
 ACCCCAAGTACCGAGACAAGAAGAAGATTACAAGAGCTCAGGGACAGTCGTGCTGGCCAGTGCACCGT
 GGAAAAAGTCCACACCTTCTGGATTATATCATGGGTGGCTGCCAGATCAGCTTACCGGTGGCTATCGAC
 TCACTGCCTCCAATGGGGACCCAAGGAGCAGCCAGTCTCTGCACTGCCTCAGCCCCGACAGCCCAACC
 ACTACCTGCAGGCCTTGCACACAGTGGGCGGTATCTGCCAGGACTATGACAGTGATAAGCGGTTCCACGC
 TTTTGGCTTCGGAGCTCGAATCCCCCAAACCTTGAGGTCTCCCATGACTTTGCTATCAACTTTGACCCA
 GAAAACTCTGAATGTGAAGAGATCTCAGGGTCAAGCCCTACCGCCGCTGCTTGCCCTCAGATCCAGC
 TCTATGGTCTACCAACGTGGCCCTATCATCAACCGTGGTGAACAGCCAGCGAGAGCAGAGCAC
 CGGCCAAGCCACGAAGTATTCAGTACTGCTGGTGTCAATCATCATCGTGGGTGGGCAACGCTGACT
 CGAACAGCCATTGTGCGAGCCTCCGCTGCCATGTCAATCATCATCGTGGGTGGGCAACGCTGACT
 TCTCTGACATGAGGCTACTGGACGGAGATGATGGTCCCCTGCGTTGCCCAAAGGGGTACCTGCAGCCCG
 TGACATTTGCCAGTTTGTGCCCTTCAGGACTTCAAGGACGCTGCCCCCTCTGCACTAGCTAAGTGTGTC
 CTGGCAGAGGTGCCACGGCAGGTGGTAGAGTACTATGCCAGCAAGGATCAGTCCCGGGCTCCCAGGC
 CCTCCACGCCAGCTATGACTCCCAGCCCTAGCCCATGACTGCCTCTCGACATAACCAACACCCCTTCACT
 CTCTCAGTGCCTGTGCTGACCTTGTGATTCCAGTGACCTGTGCTCTGCATTTTGGACCAGTGGTGCCT
 GCGGGTCCCGAAGTGAGTGATGGGCCCTGGTCCCATCTCTCCAAGCCGATATCCCTCAACTCTGAGGA
 CCCTCAATAACTTCTCCAGTGGTGTGACTTTATGGATGTAATAAAAAGGAACCACTACCAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Sfil-Sfil

ACCN: NM_009947

Insert Size: 1674 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: [BC050766](#), [AAH50766](#)

RefSeq Size: 2049 bp

RefSeq ORF: 1674 bp

Locus ID: 12891

UniProt ID: [Q9Z140](#)

Cytogenetics: 14 C3

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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2018]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 4 encode the same isoform (a).