

Product datasheet for **MC217608**

Cpne3 (NM_027769) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne3 (NM_027769) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpne3
Synonyms:	5430428M23Rik; 5730450C07Rik; C85108; CPN3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217608 representing NM_027769
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCCAGTGTGTACGAAGTGGAACTAAATGTTTCTGTAAACAACCTTTTGGATGCAGATGTAA
 CATCAAAGTCGGACCCTTTATGTGTGCTGTTTTGAATACGAGTGGTACCAGTGGTATGAGGTTGAACG
 GACAGAAAGGATTAAGAATTCCTTGAATCCCAAATTTTCTAAGACATTTGTTATTGATTACTACTTTGAA
 GTGGTTACAGAAATGAAGTTTGAATCTATGACATTGACAACAAAATATCGAGCTGAGTGTATGACT
 TCTTGGGAGAATGTGAAGTCACTCTGGACAAATGTTTCCAGTAAGAAGCTAACTCGACCACTGGTGT
 CAAAAATGGCAAACCTGCAGGGAAGGGAGTATTACGATTTAGCAGAGAAGAAATAAAGGATAACAGAGTG
 GTATTGTTTGAATGGAAGCCAGAAAATGGATAAATAAGGATCTGTTTGGGAAGTCAGATCCATACTGG
 AGTTTACAAGCAGACATCAGATGGCCACTGGCTGATGGTTCACCGAACAGAGGTTATAAAAAACAACCT
 GAATCCCATGTGAAGCCTTTTAAAGATCTCTTAACTCTCTGTGCTATGGAGATATGGACAAAACCAT
 AAGGTAGAGTGTTATGATTATGACAATGATGGATCGCATGATCTCATTGGAACATTTCAAACCACCATGA
 CAAAACCTCAAAGAAGCCTCCAGAAGCTCACCTGTTGAATATGAATGCATAAATGAAAAAAGAGACAGAA
 GAAAAAAGCTACAAGAAGCTCAGGTGTTATCAGTGTGAAGCACTGTGAGATTACTGTAGAATGCACATTT
 CTTGACTACATCATGGGAGGGTCCAGCTCAATTTTACTGTGGGAGTGGACTTCACCGGCTCCAATGGTG
 ACCCCAGTTCTCCAGACTCCCTGCATTACATCAGCCCGAATGGTGTAAATGAGTATCTGACTGCCATCTG
 GTCTGTAGGATTGGTAATTCAAGATTATGATGCTGATAAAATGTTTCCAGCTTTTGGCTTTGGAGCTCAG
 GTGCCCCCTCAGTGGCAGGTATCTCATGAATTTCCGATGAACCTTAACCCATCGAACCCCTATTGCAATG
 GAATCCAAGGCATTGTAGAGGCTTATCGGACCTGTCTTCCCAGATAAGACTCTATGGACCACTAATTT
 TTCTCCAATTATAAATCACGTGGCCAGGTTTGCAGCTGCAGCCACACAACAGCAGACAGCTTCTCAATAC
 TTTGTGCTCTTAATCATCACTGATGGCGTGATCAGACCTTGATGAAACCAGACAGGCAATCGTCAATG
 CAGCCAAGCTGCCATGTCTATCATCATTGTGGGAGTTGGGGAGCTGACTTCAGTGCCATGGAGTTTCT
 AGATGGCGATGGTGAAGTCTCCGTGCCCTTCCAGGAGAGGTGGCCATAAGAGATATTGTTCAAGTTGTG
 CCTTTCAGACAGTTCAGAAATGCTCCAAAAGAAGCGCTTGCTCAGTGTGCTTGGCAGAGATTCCCAGC
 AGGTGGTGGGCTACTTCAACACATACAAACTCCTTCTCCAAAAACCCAGCTGTGAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_027769

Insert Size: 1602 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_027769.2](#), [NP_082045.1](#)

RefSeq Size: 5646 bp

RefSeq ORF: 1602 bp

Locus ID: 70568

UniProt ID: [Q8BT60](#)

Cytogenetics: 4 A3

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]