

Product datasheet for **MC218370**

Cpne8 (BC017626) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne8 (BC017626) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpne8
Synonyms:	1200003E11Rik; 1500031E20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017626
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGATTCTAAGAGTCCCACTTGTCCTCAACATAGGAATTCAGGCAGGAAATGTGGGACAATCATAC
 TGACGGCAGAGGAGCTAACTGCTGCAGGGATGCTGTCTTGATGCAGTTCTGTGCAACAAATTGGATAA
 GAAGGATTTCTTTGGGAAGTCAGATCCTTTCTGGTATTTATCGAAGCAATGAGGATGGAAGCTTTACA
 ATTTGCCACAAGACAGAAGTGGTCAAAACACTCTAAATCCTGTGTGGCAAGCGTTCAAGATCTCAGTGC
 GAGCATTGTGCAATGGGGACTATGACAGAACAATCAAGGTAGAAGGTACGACTGGGACCGAGACGGGAG
 TCATGATTTTCATTGGAGAATTCACAACAAGCTATCGGGAGCTCGAAGAGGGCAGTCACAATTCAACGTC
 TATGAGGTGGTGAATCCCAAAAAGAAAGGAAAAAGAAAAATACACCAATTCAGGAACAGTAACCTTAT
 TGTCTTCTTGGTGAAACAGAAGTCTCCTTCTGGACTATATTAAGGAGGAACGCAGATCAACTTCAC
 GGTGGCCATTGATTTTACAGCATCAAATGGAAACCTGCCAGCCAATCTCTCCACTATATGAACCTT
 TACCAACTGAATGCCTATGGAATGGCACTGAAGGCTGTAGGAGAAATCGTTCAAGATTATGACAGTGATA
 AGATGTTCCAGCCCTGGGTTTTGGTGCAAGCTGCCTCCAGATGGAAGGATATCTCACGAGTTGCCCT
 GAATGGCAACCTCAGAATCCTTACTGTGATGGCATTGAAGGTGTGATGGAAGCTTACTATAGAAGTCTG
 AAGTCTGTCCAGTTGTATGGGCCAACCACTTTGCTCCCGTAATAAACACGTCAGCAAGATACGCATCCT
 CTGTAAAGATGGCTCCAGTACTTTGTGCTTCTCATTGTGACGGACGGCGTCATCTCAGATATGGCTCA
 AACTAAAGAATCCATAGTTAATGCCTCAAAGCTTCCCATGTCAATAATAAGTAGGTGTGGGACCTGCA
 GAATTTGATGCAATGGTTGAATTGGATGGAGATGATGTAAGAGTTTCTCCAGAGGGAATATGCTGAAA
 GAGATATTGTACAGTTTGTGCCGTTTCAGGGATTATATTGACAGAAGTGGAACACATCTCAGCATGGC
 GAGACTGGCCAAAGATGTCTTAGCTGAGATCCCAGAGCAGTTCCCTTCTACATGAGAGCCAGAGGAATC
 AAGCCATCACCGCGCCCCCGCGGTACACCCCTCTACACACGTGCTGCAGACGCAATATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: BC017626

Insert Size: 1323 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC017626 , AAH17626
RefSeq Size:	3231 bp
RefSeq ORF:	1322 bp
Locus ID:	66871
Cytogenetics:	15 E3
Gene Summary:	This gene encodes a member of the copine family of highly conserved, calcium-dependent phospholipid binding proteins. The encoded protein has two characteristic C2 domains and a VWFA domain and may play a role in membrane trafficking. A related pseudogene is found on chromosome 8. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]