

Product datasheet for **MC218875**

Cpne9 (NM_170673) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne9 (NM_170673) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpne9
Synonyms:	A730016F12Rik; mKIAA4217
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218875 representing NM_170673
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCTCAGCGGAGCCTCGGAGCGTAGCGTCCCGGCCACCAAGATTGAAATTACTGTGTCGTGCCGGA
 ATCTGCTAGACCTGGATACATTCTCCAAGTCGGACCCCATGGTGGTGCTTACACGCAGAGCCGGGCCAG
 CCAGGAGTGCGGGAGTTTCGGACGAACCGAGGTGATTGACAACACACTGAATCCAGACTTCGTGCGCAAA
 TTCGTTCTCGACTATTTCTTTGAGGAAAAGCAAAATCTCCGCTTCGATGTGTACAACGTCGACTCTAAAG
 CCAATATCTCAAACCGAAGGATTTCTGGGACAAGCATTCTGGCCCTGGGAGAGGTGATTGGAGGCCA
 GGGCAGCCGTGTGGAGCGACCTTTACGGGTGTGCCAGGAAAGAAGTGTGGGACCATACTGCTGACCGCC
 GAGGAGCTGAGCAACTGCAGGGACATTGCCACCATGCAGCTGTGTGCAACAAGCTGGACAAAAAGGACT
 TCTTTGGGAAGTCAGACCCTTTCTTTGTGTTCTACAGGAGCAATGAAGATGGCACGTTACCATCTGCCA
 CAAGACAGAGGTTGTGAAAAACACACTGAACCCAGTATGCGAGCCCTTCAGCATCCCTGTGCGGGCACTG
 TGCAACGGAGACTATGACAGAACAGTGAAGATCGACGTATATGACTGGGACCGAGATGGAAGCCACGACT
 TCATTGGCGAGTTCAACAACAGTACCGGGAGCTGAGCAAGGCCAGAAATCAGTTCACAGTGTACGAGGT
 ACTTAACCCTCGGAAGAAATGCAAGAAGAAGAAATATACCAACTCGGGGACCGTGACGCTCCTTTCTTTC
 TCTGTGGACTCAGAATTCACCTTTGTGGATTACATCAAGGGAGGGACACAGCTGAAGTTCACCGTAGCTA
 TTGACTTCACTGCTTCCAATGGGAATCCCTGCAGCCTACGTGCTGCTGACTACATGAGTCCCTACCAGCT
 CAGCGCTATGCCATGGCCCTCAAGGCAGTGGGAGAGATCATCCAGGACTACGACAGTGACAAGCTCTTC
 CCAGCCTATGGTTTTGGGGCCAAGCTGCCCCAGAGGGGGCGGATCTCCACCAGTTCCCTCTGAACAATA
 ACGATGAAGACCCCAACTGTGCAGGCATTGAGGGTGTGCTAGAGAGTTACTTCCAGAGTCTGCGCACAGT
 GCAGCTCTATGGGCCCACTTACTTTGCACCTGTCAATCAACAGGTGGCCAGGGCTGCAGCCAAAATCTCG
 GATGGTTCCCACTACTACGTTCTGCTCATTATCACTGACGGCGTCATCTCCGACATGACACAGACAAAG
 AGGCCATCGTCAGTGCCTCCTCACTGCCATGTCTATCATTATTGTGCGGGTTCGGACCTGCCATGTTTGA
 GGCAATGGAAGAGCTGGATGGTGTATGTACGTGTATCTCCAGGGGACGCTATGCAGAGCGGGACATC
 GTTCAGTTTGTCCATTCCGAGATTATGTTGACCGATCGGGGAACAGGTGCTGAGCATGGCCCGACTGG
 CCAAGGATGTACTAGCTGAGATTCTGAACAGTTGCTCTCTATATGCGCACCAGGGACATCCAGCCTCG
 ACCTCTCCCCCTGCGAGCCCCAACCAACCCAGCCCCAGAACAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_170673

Insert Size: 1662 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:	<u>NM_170673.3, NP_733773.2</u>
RefSeq Size:	2779 bp
RefSeq ORF:	1662 bp
Locus ID:	211232
UniProt ID:	<u>Q1RLL3</u>
Cytogenetics:	6 E3
Gene Summary:	Probable calcium-dependent phospholipid-binding protein that may play a role in calcium-mediated intracellular processes. Plays a role in dendrite formation by melanocytes. [UniProtKB/Swiss-Prot Function]