

## Product datasheet for **MC203324**

### Capn9 (NM\_023709) Mouse Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | Capn9 (NM_023709) Mouse Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | Capn9                                  |
| Synonyms:                 | 2200003B16Rik; GC36; nCL-4; nCL4       |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)                |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |



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**Fully Sequenced ORF:** >BC058748  
 GGGGAAGCTGTCATGCCTTACCTGCATCGGTCCCTGAGGCCACAGCCACAGCCAGTCCCCGGGGATGCCA  
 GGACTATCCACTCCTCAGGTCAGAGCTTTGAGCAGCTGAGGCAGGGCTGCCTGCAGTCTGGCACCTTGTT  
 TGAGGATGCTGACTTCCCTGCCAGCAATGTCTCCCTGTTCTACAGCGAGAGGGCCCCAGGTCCCCTTTGTG  
 TGGAAACGGCCAGGGGAAATTGTGAAAAACCAGAATTCATTCTTGGAGGGGCCACCAGGACCGACATTT  
 GCCAAGGGGAGCTGGGAGACTGCTGGCTCCTGGCAGCCATTGCCTCCCTAACCCCTCAATCAGAAAAGCACT  
 GGCCAGGGTGGTCCCCAGGACCAAGGATTTGGTTCTGGCTATGCCGGGATATTTTCATTCCAGTTCTGG  
 CAGCACAGTGAGTGGCTGGACGTAGTGATTGATGACCGCCTGCCACCTTCAAGGACCGCCTGGTCTTCC  
 TCCACTCTGCTGATCACAAATGAGTTCTGGAGCGCACTGCTGGAGAAAGCCTATGCCAAGCTTAACGGGAG  
 TTATGAGGCACTGAAGGGAGGCAGTGCCATTGAAGCCATGGAAGACTTCACTGGGGGTGTGGCTGAGAAC  
 TTCCAAATCCGAGAGGCACCAGAGGATTTCTTTGAGATTCTGGAGAAGGCTTTGAAGCGTGGTTCCTTGC  
 TGGGATGCTCCATAGATACCCTGAATGCCTCAGAATCTGAAGCTCGAACATCTCTTGGTCTCATTAAAGG  
 CCATGCCTACACCGTGACGGGGCTCGATCAGGTAACCTCCATGGCCAGAGAATCAAGCTCATCAGAGTC  
 CGTAACCCCTTGGGGCCAGGTGGAGTGAACGGGCCATGGAGTGACAGCTCTCCTGAGTGGCCTCTGTGG  
 ACCTGGAGGAGCAGAAGCGCCTGGGCCACACTGCCCTTGATGACGGGGAGTTCTGGATGGCATTCAAGA  
 CTTCAAGATCCATTTTGACAAAGTGAGATCTGCAACCTCACACCTGATGCCCTGGAGGACAGCGCCCTC  
 CACAGGTGGGAGGTGACCATCCACCAAGGAAGCTGGGTCCGTGGCTCCACTGCTGGTGGCTGTCGCAACT  
 TCCTGGACACCTTCTGGACCAACCTCAGATAAAGCTGTCCCTGACCGAGAGGGACGAGGGCCAGGAGGG  
 CTGCACTTTCTAGCAGCCTTGATGCAGAAAGACCGCAGGAGGCTCAAGAGGTTTGGCGCAACATGCTG  
 ACCATTGGCTACGCCATTTACCAGTGCCAGACAAGGACGGACACCTGAGTAGGGACTTTTTTCAGGTACC  
 ATGCCTCCCTGGCCGAAGCAAGACGTTTCATCAACTTGAGAGAAGTCTCAGAGCGATTCCAGCTGCCCC  
 GGGAGACTATATCCTCATCCCCAGCACCTTTGAGCCGCATCAGGAGGCCGACTTCTGCCTGAGAATCTTC  
 TCTGAGAAGAGAGCTGTGACTCGGGACCTGGACGAGAACATAGACATTGACCTTCTGAGCTTCCAAGC  
 CGACTCCACAGGAGGAGGAAACAGAAGAGGAACAGCAGTTCCGGGCCCTGTTCCAGCGAGTTGCTGGCGA  
 GGACATGGAGGTGTGAGCTGAGGAGCTTGAATATGTTCTAAATGCTGTTCTGCAGAAAGAAACAGCCCTC  
 AAGTTCAAGAGGCTGAGCCTGCTGTCTGCAGAAACATCATCTCTCTGATGGATACCAGTGGCAACGGGA  
 AGCTGGAGTTTGAAGAGTTCCGGGTCTTCTGGGACAAGCTGAAACACTGGATGGACCTGTTTCTCCAGTT  
 CGATGTGGACAAGTCTGGCACCATGTCTTCTATGAGTGTGGACGGCACTGAAAGCTGCAGGCTTTCAG  
 CTGGGTGGCCATCTCTGCAGCTGATTGTCTCAGGTATGCAGATGAGGACCTCCAGCTGGATTTTCGATG  
 ACTACCTCAACTGCCTGGTGTGGCTGGAGAATGCAAGCCGGGTGTTCCAATCTCTCAGTGTGAAGAACAA  
 GGACTTATCCATCTCAACATAAACGAGTTCATCAGCCTGACCATGAACATCTGAGGTTGCTCTGACCCG  
 ATGCCGTCTGCCCTCTGATACTCAGCTTCTGGATCATGAACCTCGAAACTTTTTTTAGAGGGCTGCCCC  
 GCCCACTGCTCTCTCTCCCGCCTCACACCACCTCTCCCTCTCCATAGTGAGTTAGAAAGATCT  
 AAAGGGATTGGCTGAGTTCTCTGATTCTGTGGAACCTCTATAAAATCATTGCTCTACAAGAAAAAAAAA AAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_023709

**Insert Size:** 2073 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:** [BC058748](#), [AAH58748](#)

**RefSeq Size:** 2325 bp

**RefSeq ORF:** 2073 bp

**Locus ID:** 73647

**UniProt ID:** [Q9D805](#)

**Cytogenetics:** 8 E2

**Gene Summary:** Calcium-regulated non-lysosomal thiol-protease.[UniProtKB/Swiss-Prot Function]