

Product datasheet for **MC221098**

Capn12 (NM_001110807) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Capn12 (NM_001110807) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Capn12
Synonyms:	CANP 12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221098 representing NM_001110807
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGAGTGGCAACAGGAAGGTCACCATCCAGCTGGTGGACGACGGGGCCGGGACTGGAGCTGGGGCC
 CACAGCTCTTTAAAGGCCAGAACTACGAAGCCATCCGAAGAGCTTGCCTGGATTCGGGATCCTGTTTCG
 TGACCTTGCTTTCTGCTGGCCCTGATGCCCTTGGCTATGACAAGCTGGGACCTGACTCAGAGAAGGCC
 AAAGGGTGAATGGAAGAGGCCCATGAGTTTTGTGCTGAGCCCAAGTTCATCTGTGAAGACATGAGCA
 GAACAGATGTGTGCCAGGAAGCTTGGGAACTGCTGGCTTCTTGACGCTGCTGCCTCCCTCACACTCTA
 CCCCAGGCTCCTGTACCGGGTGGTCCCCCTGGACAAGGTTTCCAAGATGGCTACGCGGGGGTCTCCAT
 TTTGAGCTATGGCAGTTTGGCCGCTGGGTGGATGTGGTGGTAGACGACAACTGCCTGTGCGTGAGGGGA
 AGCTGATGTTCTGCGCTCAGAACAAGGAACGAGTTCTGGGCCCTCTGCTGAAAAGGCTATGCCAA
 GCTCCATGGCTCCTACGAGGTAATGCGAGGAGGTACATGAACGAGGCTTTTGTGGACTTACAGGAGGC
 GTGGGTGAGGTCCTACTTGTAGACAAAACACTCCAGGTGCTTTGCTGCCCTTCCGCACGATTGGCCA
 AGGAGTCCCTTGTGGTGTACTGCCCTGAGTGATCGGGGTGAGATCCGCACAGATGAAGGGCTGGTGA
 GGGACATGCTTATTCTGTACAGGCACGCACAAGATGTCTCTGGGCTTACCAAGGTGCGGCTGCTGCGG
 CTGAGGAACCCCTGGGGCCGCTGGAGTGGTCCGGGCCCTGGAGTGACAGCTGCCACGCTGGGACATGC
 TCCCTTCTGAGTGGCGAGATGCCCTGCTGTGAAAAAGGAGGATGGCGAGTTCTGGATGGAGCTTCAAGA
 CTTTCTCACGCACTTCAACACAGTGCAGATTTGTTCACTGAGTCTGAGGTGTTGGGCCCCAGCCCTGCT
 GCGCGCGCTGGCATATCCACATCTTCCAGGGCCGCTGGGTGCGAGGCTTCAACTCCGGTGGGAGTCAGC
 CCAGCGTGAACCTTCTGGACCAACCCCAAGTCCGGCTGACACTGCTGGAGCCTGATGAGGAAGAGGA
 TGACGATGATGAAGAGGGACCTTGGGGAGGCTGGGGAGCGCAGGGGCCCGGGGCCCGGCGAGAGGAGGC
 CGAGTCCCAAGTGCACGGTCTGTTGTACTCATCCAGCGCAACCGCCGGTGTCTGAGGGCCAAGGGCC
 TCACTTACCTCACTGTGGGCTTCCACGTGTTCCAGATTCCGGAGGAGCTGCTGGACCTCTGGGACTCCCC
 GCGCAGCCGCGCTCTTGGCGGACTGCTGCGCGCCGACCGCTCGGTTTTCTGCGCCCGCGCGACGCTG
 AGCCGTCGCTGTCGCTGCCCTGGCCACTACCTGGTGGTACCCAGCGCTCGCGGTAGGCGATGAAG
 CCGACTTCACTCTGCGCATCTTCTGGAGCGCAGCCACACCGCAGTGGAGATCGATGACGTGATCAGCGC
 AGACTGGACGCCCTCCAGGCCCTACAAGCCCTGGAGCTGGAGTTGGCACAGCTATTTTGGAGCTG
 GCTGGAGAGGAGGAGGAACCAACGCGCTTCACTGCAGACCTTAATAAGCATTGCTCTGGAACCTGCCA
 GGGCCAACACCAGGACCCCTGGAGAGATTGGGCTTAGGACCTGCGAACAGCTTGTGACGTGTTTTGGGCG
 TGGGCAAGACTGTCCCTACACCACTTCCAGGAGCTCTGGGGCCATCTCATGTATGGCAGGCCACATTT
 GACAAGTTTATGAAGATGCCTCTGGGACAATGAACTCCTGTGAACTGAGGCTGGCACTGACTGCTGCGA
 GCTTCCACCTCAACAACCAGCTGACCCAGTCCCTCACTAGCCGCTACCGGGACAGCCGGCTCCGTGTGA
 CTTGAGCGCTTCGTGTGCTGTGACGCCGGCTCACCTGCATCTTCCGCCACTGCTGCCAACACCTGGAT
 GGGCGGAGGGGGTCTGCTGCTGACCCACAAACAGTGGTGGAGGTGGCTACCTTCTCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001110807
Insert Size: 2163 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:	<ol style="list-style-type: none">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:	<u>NM_001110807.1</u> , <u>NP_001104277.1</u>
RefSeq Size:	2828 bp
RefSeq ORF:	2163 bp
Locus ID:	60594
Cytogenetics:	7 B1
Gene Summary:	Calcium-regulated non-lysosomal thiol-protease.[UniProtKB/Swiss-Prot Function]