

## Product datasheet for **MC218145**

### Capn7 (BC095980) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Capn7 (BC095980) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Capn7
Synonyms:	AU022319; PalBH
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC095980  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGACGCGTCGGCGCTGGAGCGGGACGCCGTGCAGTTCGCGCGCTGGCAGTGCAGCGCGACCACGAAG  
 GCCGCTACTCTGAGGCGGTGTTTTACTACAAGGAAGCTGCCAAGCTTTAATTTATGCTGAGATGGCAGG  
 ATCCAGCCTAGAAAGGATCCAAGAGAAGATCAATGAGTATCTGGAAGAGTGCAAGCCCTTCACTCTGCA  
 GTTCAGTCAAAGAGTACTGATCCTTTGAAATCAAAACACCAAGTTGGATCTAGAAGCTGCCATTTTCTTG  
 TTACACAAGCTTTTCGATGAAGATGAAAAGGGGAATGTGGAAGATGCCATAGAATTATACAGAAGCTGT  
 GGAAGTCTGTCTAAAACCTCTTCTGAACTGCTGACAAGACTCTGCAAAATAAATTGAAACAGTTGGCT  
 CGACAGGCACTAGATAGAGCAGAAGCATTGAGTGAACCTTTGACAAAGCCATTTTGCAAACCTCAAGTCAG  
 CAAATATGAAAACAAAGACTCCTCCAGTAAGAACACACTTTCCTCTAGGACCTAATCCTTTCGTTGAAAA  
 GCCTCAAGCATTATAAGTCCACAGTCATGTGATGCGCAAGGACAGAAGTACACAGCAGAAGAGATAGAA  
 GTGCTCAGGACAACATCAAAAATAAATGGTGTAGAATATGTTCCCTTTCATGAGTGTGATCTAAGGGAAC  
 GCTTTGCTTATCCAATGCCTTTTTGTGATAGGTTGGGCAAGCTTCCATTATCACCTAAACAAAAACTAC  
 ATTTTCTAAATGGGTACGACCGGAAGATCTCACCAACAATCCTACAATGATATACACTGTGTCCAGTTTT  
 AGCATAAAGCAGACAATAGTATCAGATTGTTCCCTTGTGGCATCGTTGGCTATCAGTGCAGCGTATGAGA  
 GACGATTCAAAGAAGTTAATTACCAGCATAATTTACCCCGAGAATAAGGATGGAGAACCAGAGTACAA  
 TCCCTGTGGAAGTATATGGTAAAGCTTCACTCAATGGTGTCCCGAGAAAGGTGATAATTGATGACCAG  
 TTACCTGTTGATCACAAGGAGAATTGCTGTGTTCTTATTCCAACAATAAAAGTGAATTGTGGGTGCAC  
 TTATAGAGAAAGCATACATGAAAGTTATGGGAGGATATGATTTCCAGGATCCAACCTCAAATATTGATCT  
 GCATGCACTGACTGGGTGGATACCAGAAAGGATTGCCATGCATTAGATAGCCAGACGTTTTCAGTAAGGAT  
 AACTCATTGAGAATGCTTTATCAAAGATTTTACAAGGAGATGTCTCATCACCGCATCGACGGGAGTAA  
 TGACTGAAGCTGAAGGGGAGAAGTGGGGCTGGTCCCCTCATGCCTATGCGGTTTTGGATATTAGAGA  
 GTTCAAGGTTATGCCTTATAATTTCTCTTATTTGTTTTCTTGATTGATAAGATGTTACAGTATTGCAAT  
 GATGGTCAGACTTTAGAGCCATCCTATGAGTGTAAACAGCCAGACTCTACCATTAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA  
 TCCTGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-RsrII

**ACCN:** BC095980

**Insert Size:** 885 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:** [BC095980](#)

**RefSeq Size:** 4672 bp

**RefSeq ORF:** 1526 bp

**Locus ID:** 12339

**Cytogenetics:** 14 B

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