

Product datasheet for **MC221796**

Capn7 (NM_009796) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Capn7 (NM_009796) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Capn7
Synonyms:	AU022319; PalBH
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221796 representing NM_009796
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGCGTCGGCGCTGGAGCGGGACGCCGTGCAGTTCGCGCGCTGGCAGTGCAGCGCACCACGAAG
 GCCGCTACTCTGAGGCGGTGTTTTACTACAAGGAAGCTGCCAAGCTTTAATTTATGCTGAGATGGCAGG
 ATCCAGCCTAGAAGGATCCAAGAGAAGATCAATGAGTATCTGAAAGAGTGCAAGCCCTTCACTCTGCA
 GTTCAGTCAAAGAGTACTGATCCTTTGAAATCAAAACACCAGTTGGATCTAGAACGTGCCATTTTCTTG
 TTACACAAGCTTTTCGATGAAGATGAAAAGGGGAATGTGGAAGATGCCATAGAATTATACAGAAGCTGT
 GGAACCTGTCTAAAAACCTCTTCTGAAACTGCTGACAAGACTCTGAAAATAAATTGAAACAGTTGGCT
 CGACAGGCACTAGATAGAGCAGAAGCATTGAGTGAACCTTTGACAAAGCCATTTTGCAAACCTCAAGTCAG
 CAAATATGAAAACAAAGACTCCTCCAGTAAGAACACACTTTCTCTAGGACCTAATCCTTTCTGTTGAAAA
 GCCTCAAGCATTATAAGTCCACAGTCATGTGATGCGCAAGGACAGAAGTACACAGCAGAAGAGATAGAA
 GTGCTCAGGACAACATCAAAAATAAATGGTGTAGAATATGTTCCCTTTCATGAGTGTGGATCTAAGGGAAC
 GCTTTGCTTATCCAATGCCTTTTTGTGATAGGTTGGGCAAGCTTCCATTATCACCTAAACAAAAAATAC
 ATTTTCTAAATGGGTACGACCGGAAGATCTCACCAACAATCCTACAATGATATACACTGTGTCCAGTTTT
 AGCATAAAGCAGACAATAGTATCAGATTGTTCCCTTTGTGGCATCGTTGGCTATCAGTGCAGCGTATGAGA
 GACGATTCAATAAGAAGTTAATTACCAGCATAATTTACCCCAAGATAAGGATGGAGAACCAGAGTACAA
 TCCCTGTGAAAGTATATGGTAAAGCTTCACTCAATGGTGTCCGAGAAAGGTGATAATTGATGACCAG
 TTACCTGTTGATCACAAGGAGAATTGCTGTGTTCTTATTCCAACAATAAAAGTGAATTTGGGTGTCAC
 TTATAGAGAAAGCATAACATGAAAGTTATGGGAGGATATGATTTCCAGGATCCAACCTCAATATTGATCT
 GCATGCCTGACTGGGTGGATACCAGAAAGGATTGCCATGCATTAGATAGCCAGACGTTCAAGTAAGGAT
 AACTCATTAGAAATGCTTTATCAAGATTTTCAAAAGGAGATGTCTCATCACCCATCGACGGGAGTAA
 TGACTGAAGCTGAAGGGGAGAAGTGGGGCTGTTCCCACTCATGCCTATGCGGTTTTGGATATTAGAGA
 GTTCAAGGGGCTGAGATTTTTCAGTTAAAAAACCCCTTGGAGCCATTTACGCTGGAAAGGAAAGGTACAGT
 GAGAATGATGTGAAAACCTGGACCCAGAATTGCAGAAGTATTTAACTTTGATCCACGAACAGCTCAGA
 AAATAGATAATGGAATATTTGGATTTCTGGGATGATCTTTGCCAGTATTATGATGTAGTTTATTTGAG
 TTGGAATCCAGCTTTTTTAAAGAATCAACTTGCATTACAGTACTTGGGATGCTAAACAAGGACCTGTG
 AAAGATGCTTATAGCCTGGCCAAACACCCCAAGTACAAATTTGGAGGTGCAGTGTCCACAAGGGGGTGTG
 CAGTTTGGGTTTTGCTTAGTAGACACATAACAGACAAGGATGACTTCGCAATAACCGTGAGTTTATCAC
 AATGGTTGTGTACAAGACTGATGGCAAGAAGGTTTACTACCCAGCTGACCCACCTCCATACATTGATGGG
 ATTCGAATTAACAGCCCTCATTACTTGACTAAGATAAAGCTGACCACGCCCGGGACTCACACCTTACCC
 TAGTGGTTTTCTCAGTATGAGAAACAGAAATACGATTCAATACACAGTCCGGGTGATTCAGCCTGCAGCTT
 TACTTTTTCGAAGATCCCTTACCATACACCTTATCCAACCGATAAATGGAAAGTGGAGTGGTCAAAGT
 GCTGGAGGATGTGAAATTTTTCAGGAGACTCACAAAAAATACCCCATCTACCAATTCCATATAGATAAGA
 CTGGACCGTTATTGATTGAGCTGAGAGGACCAAGGCAATACAGTGTGGATTTGAGGTTGTAGCAGTTTC
 CATAATGGGAGATCCTGGTCTCATGGCTTTTCAGAGGAAATCTAGTGGTACTATAGGTGTGGATTTTGC
 TACTTAGAACTGGAAAACATACCTGCTGGGATCTTTAATATCATCCCTAGTACTTTTTTGCCTAAACAAG
 AAGGACCTTTTTTCTGGACTTTAATAGTACTGTCCCATCAAGACAACACAACCTCCAATGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
 ACCN: NM_009796
 Insert Size: 2442 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:	NM_009796.2 , NP_033926.1
RefSeq Size:	3562 bp
RefSeq ORF:	2442 bp
Locus ID:	12339
UniProt ID:	Q9R1S8
Cytogenetics:	14 B
Gene Summary:	Calcium-regulated non-lysosomal thiol-protease.[UniProtKB/Swiss-Prot Function]