

Product datasheet for **MC220296**

Capn13 (NM_001033444) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Capn13 (NM_001033444) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Capn13
Synonyms:	CANP 13; Gm943
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220296 representing NM_001033444
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCACATGATGCAGAGACCTCCGTGGTCAAGTTCAGGAATCAGGACTTCAGGACCTTACGGGATCATT
 GCCTGAGCAGGGGTCAGCTGTTTATAGATGATACATTCCTGCTGCGGCATCTTCCATAGCGGAGAAGCT
 ACTCAGGGGGAAGCACCTTTCGAAACTGGAGTGGAAACGACCAACTTCAAAGGATTTACCCTTCTACCCC
 CCTCACTTCATTCTGGAAGGTGCAAGCAGATTTGACATCCACCAAGGAATAGCAGGAGACTGCTGGTTCC
 TGGCAGCACTGGGCTCCCTGACCAGAACCAGTGTCTGCAGAAGATCCTGATGGACCAAGCTATTC
 GCACCAGTATGCTGGGATTTCCAGTCCGGTTCTGGCAGTGTGGCCAGTGGGTGGAAGTAGTGATAGAT
 GACCAATTGCCCGTCATAGGCGATAACTTCCTTTTGTGCATCCTCGAGGAGGCAACAAGGAATTTGGC
 CCTGCCTGATGGAGAAAGCCTATGCCAAGCTACTTGGCTCCTATCCCAATTACACTATGGCTACCTTCC
 TGATGCCCTGGTGGACCTCACAGGAGGAGTGGTACCATCATCAACCTGCACTCCTCTCCATTTGACCTA
 CTGACGACAGTGAAGACCGCAATCCAAGCAGGCTCAATGGTGGCCTGTGCCACCGAAAATGGGCTGACAG
 AAGAGGCCAAAGTGATGGAGAATGGACTGGTGGCCAGCAGCATACACAGTACTGGAGCTGAGAAGAT
 TCAGTACCAGGGCGTTGGGAAGACATCATCCGCCTTTGGAACCCCTGGGGCAAGACAGAATGGAAGGA
 CGCTGGAAAGATGGGTCCAAGGAGTGGAGAGAAACCCATGACCCACGAAAAGCCAGCTGTATGAGAACA
 AGGAAGATGGCGAGTGGTGGATGTCCTGTCAAGATTTCCAGGAGAAGTCTCCTGCCTGTTTCATATGTAA
 CCAGATCCCGATCACCATGGATCATGGAGTACACCCAATGAGAGCTGGCGACAAATGAGGTTTACAAC
 CAAGTGTCTCAAGAAACAGAGCAGGAGGACATGGGAGGGATATGCAGTATGTCTTATGTTCAAGAGC
 ACACTGCTGGGAATAATGTCGTGGTGGCCTTACAATCATGCCACAAAGCCTGAATACAGAAGAGGAGAG
 ATTTCCACTACAGTCCAGGTATTCAAGGTGCCCAAGTCCAGAATGTCCAGGGAAGATTGCCTCCTGCA
 TTTTTCTCCCCATTTAGAAGTGCTGCCAAGGCACAAAGTATGTGTCCAAGTGAAGTTCACAAAGTCTT
 TCCACCTGAATCCTGGTACCTATGTAGTGGTTACCACAGCAAACGAAAAGGAAAGTGGAAATCCTACTCCG
 AATATTCCTCAAATGCCAGACAAGCACAGGGATCCAAGCAGCAATTTCAACCTCAGAGCCCTCAAGGAA
 AGTCTTCCAGAAAATGGATCCCGAAATAGCATTTCCTACACATACATGGATCAGGGGCTGGACATTGATG
 CCACCAACTTCAGAGCCTTCTCAATCAGGAGTTCCTAACAGGGCCTCCAGGGGACACTTCTCCTTGG
 CCAGTGCCAAAGCATCATGGCCCTGATGGATCTGAAAGTGAATGGCGGGTAGATCAGGAAGAGTTTGCA
 AGACTCCGAAGTGCCTTATCCACTGCCAGCATATTTCCAGAGCATCCAGAGACGCCCTGGAGTCTCC
 TCAGCTCAGACTTATGGAAAGTCATAGAGAATACAGACTTCCTTTAGGAATTTTCATCAGCAGCGAGCT
 GCTGAGTCTCATGGCACTCAGGTACAGCGATAGCTCTGGCCGGGTGAGTTCCTCCACTCTTGTCTGCTTC
 CTGATACGGCTGGAAACCATGGCAAAGGCATTTGCAACCTCTCCAAGGATGGCAAAGGCATCTACCTGA
 CAGAAACAGAGTGGATGAACCTGGTCAATGTACAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033444
- Insert Size:** 1998 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: [NM_001033444.2](#), [NP_001028616.1](#)

RefSeq Size: 2614 bp

RefSeq ORF: 1998 bp

Locus ID: 381122

UniProt ID: [Q3UW68](#)

Cytogenetics: 17 E2

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