

## Product datasheet for MC218352

### Capn12 (NM\_021894) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Capn12 (NM_021894) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Capn12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC218352 representing NM_021894 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGAGTGGCAACAGGAAGGTCACCATCCAGCTGGTGGACGACGGGGCCGGGACTGGAGCTGGGGGCC  
CACAGCTCTTTAAAGCCAGAAGCTACGAAGCCATCCGAAGAGCTTGCCTGGATCCGGGATCCTGTTTCG  
TGACCTTGCTTTCCTGCTGGCCCTGATGCCCTGGCTATGACAAGCTGGGACCTGACTCAGAGAAGGCC  
AAAGGGGTGGAATGGAAGAGGCCCATGAGTTTTGTGCTGAGCCCCAGTTCATCTGTGAAGACATGAGCA  
GAACAGATGTGTGCCAGGAAGCTTGGGAACTGCTGGCTTCTTGCAGCTGCTGCCTCCCTCACACTCTA  
CCCCAGGCTCCTGTACCGGTGGTCCCCCTGGACAAGGTTTCCAAGATGGCTACGCGGGGGTCTCCAT  
TTTCAGCTATGGCAGTTTGGCCGCTGGGTGGATGTGGTGGTAGACGACAACTGCCTGTGCGTGAGGGGA  
AGCTGATGTTTCGTGCGCTCAGAACAAAGGAACGAGTTCTGGGCCCTCTGCTGAAAAGGCCTATGCCAA  
GCTCCATGGCTCCTACGAGGTAATGCGAGGAGGTACATGAACGAGGCTTTTGTGGACTTACAGGAGGC  
GTGGGTGAGGTCCTCTACTTGAGACAAAACACTCCAGGTGCTTTGCTGCCCTTCGCCACGATTGGCCA  
AGGAGTCCCTTGTGGGTGCTACTGCCCTGAGTGATCGGGGTGAGATCCGCACAGATGAAGGGCTGGTGAA  
GGGACATGCTTATTCTGTACAGGCACGCACAAGATGTCTCTGGGCTTACCAAGGTGCGGCTGCTGCGG  
CTGAGGAACCCCTGGGGCCGCTGGAGTGGTCCGGGCCCTGGAGTGACAGCTGCCACGCTGGGACATGC  
TCCCTTCTGAGTGGCGAGATGCCCTGCTTGTGAAAAGGAGGATGGCGAGTTCTGGATGGAGCTTCAAGA  
CTTTCTCACGCACTTCAACACAGTGCAGATTTGTTCACTGCTGCCAACACCTGGATGGCGCGAGGGGGT  
CGTCTGCCTGACCACAAACAGTGGTGGAGGTGGCTACCTTCTCATAGGTTTGAAGCTGAGGGAGGTCA  
CCCTGTGCCGACTCACTGTCAAAAGGTGGTGGCTATGTAACCCTGGCCGGCCTCACAAAGTGTGGGA  
TTACGAGCTGGAGCCATCCCAAACAGAAGTCCACCCCTCCTTTTGAAGCCTTCTCATGTGAGTCCCTGC  
TTAGAGAGGGGCACAACCCACACAGGCACTGGGCTGGTGGGCACTGCCAGCTCCTTGGGGCATGAACA  
GAGATGCAGGGAGAAGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_021894
<b>Insert Size:</b>	1350 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_021894.1</a></u> , <u><a href="#">NP_068694.1</a></u>
<b>RefSeq Size:</b>	1794 bp
<b>RefSeq ORF:</b>	1349 bp
<b>Locus ID:</b>	60594
<b>Cytogenetics:</b>	7 B1
<b>Gene Summary:</b>	Calcium-regulated non-lysosomal thiol-protease.[UniProtKB/Swiss-Prot Function]