

Product datasheet for **RN207802**

Capn12 (NM_001110808) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Capn12 (NM_001110808) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Capn12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207802 representing NM_001110808
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGAGTGGCAACAGGAAGGTCACTATCCAGCTGGTGGACGACGGGGCCGGCTGGAGCTGGGGGCC
 CACAGCTCTTTAAGGGTCAGAACTACGAAGCCATCCGAGCAGCTTGCCTGGATCCGGGATCCTGTTTCG
 TGACCCCTTGCTTCCCTGCTGGCCCTGATGCCCTTGGCTATGACAAGCTGGGACCTGACTCAGAGAAGGCC
 AAAGGGGTGGAATGGAAGAGGCCTCATGAGTTTTGTGCCGAGCCCAAGTTCATCTGTGAAGACATGAGTA
 GAACAGATGTGTGCCAGGGCAGCTTGGGAACTGCTGGCTTCTAGCAGCGGCTGCCTCTCTCACGCTGTA
 CCCCAGACTCCTGTACCGGGTGGTCCCCCTGGGCAAGGCTTCCAAGATGGCTATGCTGGGGTTTTCCAC
 TTTAGCTCTGGCAGTTTGGCCGATGGGTGGATGTGGTGGTGGACGACAACTGCCTGTGCGTGACGGGA
 AGCTGCTCTTTGTGCGCTCAGAACAAAGGAACGAGTTCTGGGCCCTCTACTGAAAAGGCTATGCCAA
 GCTCCACGGCTCCTATGAGGTAATGCGAGGAGGTACATGAACGAGGCATTTGTGGACTTACGGGAGGC
 GTGGGCGAGGTCCTACTTGTAGACAGAACACCCAGGTGTCTTGGCCCTTCCGCATGCCCTGGCCA
 AGGAGTCCCTTGTGGGTGCCACTGCCCTGAGTGATCGGGGTGAGATCCGCACAGATGAAGGGCTTGTGAA
 AGGACATGCTTATTCTGTACAGGCACACAAAGATGTCTCTGGGCTTACCAAGGTGCGGCTGCTGCGG
 CTGAGGAACCCCTGGGGCCGCTGGAGTGGTCCGGGCCCTGGAGCGACAGCTGCCACGCTGGGACATGC
 TCCCCTCTGAGTGGAGAGATGCCCTGCTGTGAAAAAGGAGGATGGCGAGTTCTGGATGGAGCTTACGGA
 CTTCTCACGCACTTCAACACGGTCCAGATTTGTTCACTGAGCCCTGAGGTGTTGGGCCCCAGCCCGGCT
 GGTGGCGGCTGGCACATTCACACCTTCCAGGGCCGCTGGGTGCGCGGCTCAACTCCGGTGGGAGTCAGC
 CCAGCGCTGAAAACCTTCTGGACCAATCCCCAGTTCGGCTGACACTGCTGGAGCCGATGAGGAAGAGGA
 TGAAGATGATGAAGAGGGACCTTGGGGAGGCTGGGGAGCTGCAGGGGCACGGCCAGCGAGAGGAGGCCGA
 GTCCCAAGTGCACGGTCTACTGTCACTCATCAACGCAACCGCCGGTGTCTGAGGGCCAAGGGCTCA
 CTTACCTCACTGTGGGCTTCCACGTGTTCCAGATCCCGGAGGAGCTGCTGGGCTCTGGACTCTCCGCG
 CAGCCGCGGCTTACCAGGACTGCTGCGCGCCGACCGCTCGGTTTTCTGTGCCCGCCGACGCTGAGC
 CGACGCTGCCGCTGCCGCCGGCCACTACCTGGTGGTGGCCAGCGCTCGCGCTGGGCGATGAAGCCG
 ACTTCACGCTGCGCATCTTCTCGAGCGCAGCCACACCGCAGTGGAGATCGATGACGTGATCAGCGCGGA
 CCTGGACGCCCTCAGGCCCTACAAGCTCTGGAGCTGGAGTTGGCACAGCTATTTTTGGAGCTGGCT
 GGAGAGGAGGAGGAGCTCAATGCTCTCCAGCTGCAGACCTAATAAGCATTGCTCTGGAGCTGCTAGGA
 ACAACACCAGGACCTCTGGAGAGATTGGCTTAGGACCTGCGAACAGCTTGTGCAGTGTGTTGGGGTGG
 GCAAAGATTGGCCCTATACCACTTCCAGGAACTCTGGGGCCATCTCTGTGATGGCAGGCCACATTTGAC
 AAGTTCGATGAAGATGCTTCTGGACAATGAACTCCTGTGAACTGAGGCTGGCACTGACTGCCGAGGCT
 TCCACCTGAACAACAGCTGACCCAGGCTCTACTAGCCGCTACCGAAACAGCCGGCTCCGCGTGGACTT
 CGAGCACTTTGTGTGTTGTGCAGCCCGGCTCACCTGCATCTTCCGCCACTGCTGCCAACACCTGGATGGC
 GGGGAGGGGTGCTGCTGACCCACAAACAGTGGTGGAGGTGGCCACCTTCTCATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001110808

Insert Size: 2160 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_001110808.1, NP_001104278.1</u>
RefSeq Size:	2932 bp
RefSeq ORF:	2160 bp
Locus ID:	308476
Cytogenetics:	1q21