

Product datasheet for **RN208202**

Capn7 (NM_001030037) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Capn7 (NM_001030037) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Capn7
Synonyms:	MGC124688
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208202 representing NM_001030037
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGCGTCGGCGCTGGAGCGGGACGCCGTGCAGTTCGCGCGCTGGCAGTGCAGCGCACCACGAAG
 GCCGCTACTCTGAGGCGGTGTTTTACTACAAGGAAGCTGCCAAGCCTTAATTTATGCAGAGATGGCAGG
 CTCCAGCCTAGAACGGATCCAAGAAAAGATCAGTGAATATCTGAAAAGAGTCCAAGCTCTACATTCTGCA
 GTTCAGTCAAAAAGTACTGATCCTTTGAAATCAAAACATCAGTTGGATCTAGAGCGCGCCCACTTTCTTG
 TTACACAAGCTTTTCGATGAGGATGAGAAGGGGAATGTGGAAGATGCCATAGAGTTGTATACAGAAGCCGT
 GGACCTCTGTCTGAAAACCTCTTATGAAACTGCCGATAAGACTCTGAAAATAAATTGAAAACAGTTGGCT
 CGACAGGCACTCGATAGAGCAGAAGCATTGAGTGAACCTTTGACAAAGCCATTTTGCAAACCTCAAGTCAA
 CAAATATGAAAACAAAGACTCCTCCAGTAAGAACACATTTTCTCTAGGACCGAATCCTTTCTTGAAAA
 GCCTCAGCCGTTTATAAGTCCACAGTCATGTGATGCACAAGGACAGAAGTACACGGCAGAAGAAATAGAA
 GTGCTCAGGACAACATCAAAAATCAATGGTGCAGAGTATGTTCCCTTTCATGAGTGTGGATCTGAGGGAGC
 GCTTTGCTTACCAATGCCTTTTTGTGATAGATTGGGCAAGCTTCCATTATCACCTAAACAAAAAGCTAC
 ATTTTCTAAATGGGTGCGACCGGAGGATCTCACCAACAACCTACAATGATATACACTGTGTCCAGTTTT
 AGCATAAAGCAGACTATAGTATCAGACTGTTCCCTTTGTGGCATCGTTGGCCATCAGTGCAGCATATGAGA
 GACGATTCAATAAGAAGTTAATCACCAGCATAATTTACCCACAGAATAAGGATGGAGAACCAGAGTATAA
 TCCCTGTGGGAAGTATATGGTAAAACCTCATCTCAATGGTGTCCCAAGAAAGGTGATAATTGATGATCAG
 TTACCTGTTGATCACAAAGGAGAATTACTATGTTCTTATTCCAACAATAAAAGTGAATTTATGGGTGCAC
 TTATAGAGAAAGCATAACATGAAAGTTATGGGAGGATATGATTTCCAGGATCCAACCTCAAAATTTGATCT
 GCATGCACACTGACTGGGTGGATACCGGAACGGATTGCCATGCATTAGATAGCCAGACCTTCAGTAAGGAC
 AGTTCATTAGGATGCTTTATCAAAGATTTTACAAGGGGATGTCTCATCACCCATCAACCGAATGA
 TGACTGAAGCTGAAGGGGAGAAGTGGGGCTGTTCCACGCATGCGTATGCTGTGTTGGATATTAGAGA
 GTTCAAGGGGCTGAGATTTTTCAGTTAAAAACCCCTTGAGCCATTTACGCTGGAAAGGCAGGTACAGT
 GAAAATGATGTGAAAACCTGGACCCAGAATTGCAAAAGTATTTAAACTTTGATCCCGAACAGCTCAGA
 AAATAGATAATGGAATATTTGGATCTCCTGGGATGACCTTTGCCAGTATTATGATGTAGTTTATTTGAG
 TTGGAACCCAGCTCTTTTTAAAGAGTCAACCTGCATTACAGTACTTGGGATGCTAAACAAGGACCTGTG
 AAAGATGCGTACAGCTTGCCCAACAACCCAGTACAACTGGAGGTGCAGTGTCCACAAGGGGGTGTG
 CAGTTTGGGTTTTGCTTAGTAGACACATAACAGACAAGGATGACTTTGCAATAACCGTGAGTTTATCAC
 AATGGTTGTGTACAAGACTGACGGCAAGAAAGTCTATTACCCAGCTGACCCAGCTCCATACATTGATGGG
 ATTCGAATTAACAGCCCTCACTACTTGACTAAGATAAAGCTGACCACGCCTGGGACTCACACCTTACCC
 TAGTGGTTTTCTCAGTATGAGAAACAGAAATACGATTCAATACACTGTCCGGGATATTTCAGCTTGCAGCTT
 TACTTTCTCGAAGATCCCTTACCATACACCTTATCAAAGCGGATTAATGGAAAGTGGAGTGGTCAAAGT
 GCTGGAGGATGTGAAATTTTCAGGAGACTCACAAAAAATACCCCATCTACCAATTCCATATCGATAAGA
 CTGGTCCGTTACTAATTGAGCTGAGGGGACCAAGGCAATACAGTGTGGATTTGAGGTTGTAGCAGTTTC
 CATAGCGGGAGATCCTGGTCCCATGGCTTTTTCAGAGGAAATCTAGTGGTACTATAGGTGTGGATTTTGC
 TACTTAGAACTGGAAAACATACCTGCTGGGATCTTTAATGTATCCCCAGTACTTTTTTGCCTAAACAAG
 AAGGACCTTTTTCTTGGACTTCAATAGTACTGTCCCATCAAGACAACCAACTCCAGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
 ACCN: NM_001030037
 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:	<u>NM_001030037.1</u> , <u>NP_001025208.1</u>
RefSeq Size:	3554 bp
RefSeq ORF:	2442 bp
Locus ID:	306260
Cytogenetics:	16p16