

Product datasheet for **RR214051**

Capns1 (NM_017118) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Capns1 (NM_017118) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Capns1
Synonyms:	Capn4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR214051 representing NM_017118 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTCTTGGTGAATTCGTTCTTGAAGGGCGGCGGTGGCGGTGGGGGAGGCGGGGTCTGGGCGGGGCC
TGGGCAATGTGCTCGGAGGCCTGATCAGCGGAGCTGCTGGAGGCGGCGGCGGTGGAGGCGGCGGTGGCGG
CATGGGACTGGGAGGAGGTGGCGGAGGCGGTGGAACAGCCATGCGTATCCTGGGCGGAGTCATTAGCGCC
ATCAGCGAGGCTGCTGCGCAGTACAACCCGGAGCCCCCGCCCCACGTAGCCATTACTCTAATATTGAGG
CCAACGAGAGTGAAGAGGAACGTCAGTTCAGGAACTTTTTGTCCAGCTGGCTGGAGACGACATGGAGGT
CAGCGCTACAGAACTCATGAATATCCTCAACAAGGTCGTGACCCGACACCCAGATCTGAAAACCTGATGGG
TTCGGCATTGACACTTGTGCGGAGCATGGTGGCTGTTATGGATAGTGACACCACAGGCAAGCTGGGCTTTG
AGGAGTTCAAGTACCTCTGGAACAACATTA AAAAGTGGCAGGGTATATACAAACGCTTTGATACTGACCG
ATCAGGGACCATTTGGTAGCAATGAACTCCCAGGGGCTTTGAGGCAGCAGGATCCACCTGAATCAGCAT
ATCTACAGCATGATCATCCGCGCTACTCGGACGAGACCGGGAACATGGATTTGATAAATTCATCAGCT
GCTTGGTCAGGCTGGATGCCATGTTCCGTGCTTTCAGATCTCTTGACAAAAATGGCACTGGACAGATCCA
AGTGAACATCCAGGAGTGGTTCAGCTGACTATGTATTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_017118.1](#), [NP_058814.1](#)

RefSeq Size: 1405 bp

RefSeq ORF: 813 bp

Locus ID: 29156

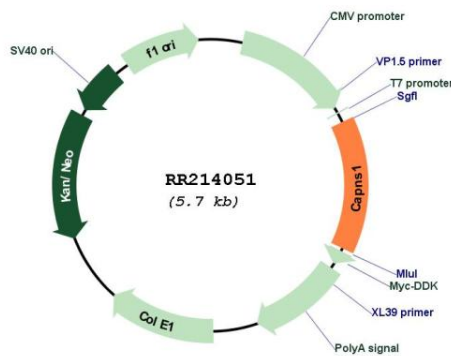
UniProt ID: [Q64537](#)

Cytogenetics: 1q21

MW: 28.6 kDa

Gene Summary: small subunit of calcium-activated protease calpain; functions only in conjunction with large subunit [RGD, Feb 2006]

Product images:



Circular map for RR214051