

Product datasheet for **SC209245**

Calpain 1 (CAPN1) (NM_005186) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Calpain 1 (CAPN1) (NM_005186) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CAPN1
Synonyms: CANP; CANP1; CANPL1; muCANP; muCL; SPG76
ACCN: NM_005186
Insert Size: 750 bp
Insert Sequence: >SC209245 3'UTR clone of NM_005186

The sequence shown below is from the reference sequence of NM_005186. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGTGGTTGCAGCTGACCATGTTTGCATGAGGCAGGGACTCGGTCCCCCTTGCCGTGCTCCCCTCCCTC
CTCGTCTGCCAAGCCTCGCTCCTACCACACCACACCAGGCCACCCAGCTGCAAGTGCCTTCCTTGGA
GCAGAGAGGCAGCCTCGTCTCCTGTCCCCTCTCCTCCCAGCCACCATCGTTCATCTGCTCCGGGAGAG
ACTGTGTGGCCCCCTGCCTGTGCCAGCCATGGGCTCGGGATGGACTCCCTGGGCCCCACCCATTGCCAAG
CCAGGAAGGCAGCTTTCGCTTGTTCCTGCCTCGGGACAGCCCCGGGTTTCCCAGCATCCTGATGTGTC
CCCTCTCCCCACTTCAGAGGCCACCCACTCAGCACCACCGCCTGGCCTTGCCTGCAGACTATAAACTA
TAACCACTAGCTCGACACAGTCTGCAGTCCAGGCGTGTGGAGCCGCTCCCGGCTCGGGGAGGCCCGG
GGCTGGGAACGCCTGTGCCTTCTGCGCCGAAGCCAACGCCCTCTGTCCTTCCCTGGCCCTGCTGCC
GACCAGGAGCTGCCAGCCTGTGGGCGGTGGCCTTCCCTCCTTCGCTCCTTTTTATATTAGTGATTT
TAAAGGGGACTCTCAGGACTTGTGTACTGGTTATGGGGGTGCCAGAGGCACTAGGCTTGGGGTGGGG
AGGTCCCCTGTTCCATATAGAGGAACCCAAATAATAAAAGGCCCCACATCTGTCTGTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_005186.4
Summary:	The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 1. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]
Locus ID:	823
MW:	26.7