

Product datasheet for **SC212878**

Calpain 2 (CAPN2) (NM_001748) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Calpain 2 (CAPN2) (NM_001748) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CAPN2
Synonyms: CANP2; CANPL2; CANPml; mCANP
ACCN: NM_001748
Insert Size: 1191 bp
Insert Sequence: >SC212878 3'UTR clone of NM_001748
 The sequence shown below is from the reference sequence of NM_001748. 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
ATCTCTTGGCTCTGTTTCTCAGTACTTTGAAGTTATAACTAATCTGCCTGAAGACTTCTCATGATGGAA
AATCAGCCAAGGACTAAGCTTCCATAGAAATACACTTTGTATCTGGACCTCAAAATTATGGGAACATTT
ACTTAAACGGATGATCATAGCTGAAAATAATGATACTGTCAATTTGAGATAGCAGAAGTTTCACACATC
AAAGTAAAAGATTTGCATATCATTATACTAAATGCAAATGAGTCGCTTAACCCCTTGACAAGGTCAAAGA
AAGCTTTAAATCTGTAATAGTATACACTTTTTACTTTTTACACACTTTCTGTTTCATAGCAATATTTAAA
TCAGGAAAAAAAATGCAGGGAGGTATTTAACAGCTGAGCAAAAACATTGAGTCGCTCTCAAAGGACAC
GAGGCCCTTGGCAGGGAATATTTAAAGCAACTTCAAGTTTAAATGCAGCTGTTGATTCTACCAAACA
CAGTCCAAGATTACCATTCCCATGAGCCAACGGGAAACATGGTATATCATGAAGTAATCTTGTCAG
GCATCTGGAGAGTCCAGGAGAGAAGACTCACCTCTGTCGCTTGGGTTAAACAAGAGACAGGTTTTGTAG
AATATTGATTGGTAATAGTAAATCGTTCTCCTTACAATCAAGTTCTTGACCCTATTGGCCCTTATACAT
CTGGTCTTACAAAGACCAAAGGGATCCTGCGCTTGATCAACTGAACCAGTATGCCAAAACAGGCATCC
AATTTGTAACCAATTATGATAAAGGACAAAATAAGCTGTTTGCCACCTCAAACTTTATGAACTTCAC
CACCCTAGTGTCTGTCCATGGAGTTAGAGGGGACATCACTTAGAAGTTCTTATAGAAAAGGACACAAGT
TTGTTTCTGGCTTTACCTTGGGAAAAATGCTAGCAACATTATAGAAAATTTGCCTTGTGCTTATCTT
CTTCCAATGACTGTAAATAAAAATAAAGGGTTACCCCATGCAATCACACCATGCCATGTTTTCTT
CCTGGAGGGCAGCCCCACAGGACGGTTTATGAGCACACAATTATAGCTTGTCTACTTTAAACAAGGTA
TGCTGCCTCTGTAATTCATGTATTCAAAGGAAAAGACACCTTGCTATAATTAATGTGGAACATA
AAATTTTTTAAATCAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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).
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_001748.5
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 2. Multiple heterogeneous transcriptional start sites in the 5' UTR have been reported. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
Locus ID:	824
MW:	45.3