

Product datasheet for **SC212877**

Calpain 2 (CAPN2) (NM_001146068) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Calpain 2 (CAPN2) (NM_001146068) Human 3' UTR Clone
Symbol:	Calpain 2
Synonyms:	CANP2; CANPL2; CANPml; mCANP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001146068
Insert Size:	1191 bp
Insert Sequence:	>SC212877 3'UTR clone of NM_001146068 The sequence shown below is from the reference sequence of NM_001146068. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
ATCTCTTGGCTCTGTTTCTCAGTACTTTGAAGTTATAACTAATCTGCCTGAAGACTTCTCATGATGGAA
AATCAGCCAAGGACTAAGCTTCCATAGAAATACACTTTGTATCTGGACCTCAAATTTATGGGAACATTT
ACTTAAACGGATGATCATAGCTGAAAATAATGATACTGTCAATTTGAGATAGCAGAAGTTTACACATC
AAAGTAAAAGATTGTCATATCATTATACTAAATGCAAATGAGTCGCTTAACCCCTTGACAAGGTCAAAGA
AAGCTTTAAATCTGTAATAGTATACACTTTTTACTTTTACACACTTTCTGTTTCATAGCAATATTTAAA
TCAGGAAAAAAAATGCAGGGAGGTATTTAACAGCTGAGCAAAAACATTGAGTCGCTCTCAAAGGACAC
GAGGCCCTTGGCAGGGAATATTTAAAGCAACTTCAAGTTTAAAATGCAGCTGTTGATTCTACCAAACAA
CAGTCCAAGATTACCATTTCCATGAGCCAACCTGGGAAACATGGTATATCATGAAGTAATCTTGTCAAG
GCATCTGGAGAGTCCAGGAGAGAAGACTCACCTCTGTCGCTTGGGTTAAACAAGAGACAGGTTTTGTAG
AATATTGATTGGTAATAGTAAATCGTTCTCCTTACAATCAAGTCTTGACCCTATTCGGCCTTATACAT
CTGGTCTTACAAGACCAAAGGGATCCTGCGCTTGATCAACTGAACCAGTATGCCAAAACAGGCATCC
AATTTGTAAACCAATTATGATAAAGGACAAAATAAGCTGTTTGGCACCTCAAACCTTTATGAACCTCAC
CACCCTAGTGTCTGTCCATGGAGTTAGAGGGGACATCACTTAGAAGTTCTTATAGAAAAGGACACAAGT
TTGTTTCTCGCTTTACCTTGGGAAAATGCTAGCAACATTATAGAAATTTTGCCTTGTGCTTATCTT
CTTCCAAATGTAAGTAAATAAAAAATAAGGGTTACCCCATGCAATCACACCATGCCATGTTTTCTT
CCTGGAGGGCAGCCCCACAGGACGGTTTATGAGCACACAATTATAGCTTGTCTACTTTAAACAAGGTA
TGCTGCCTCTGTAATTCATGTATTCAAAGGAAAAAGACACCTTGCCATAAATTAATGTGGAACATA
AAATTTTTTAAATCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
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_001146068.2
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