

Product datasheet for **SC207295**

Calpain 3 (CAPN3) (NM_000070) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Calpain 3 (CAPN3) (NM_000070) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CAPN3
Synonyms: CANP3; CANPL3; LGMD2; LGMD2A; LGMDD4; LGMDR1; nCL-1; p94
ACCN: NM_000070
Insert Size: 574 bp
Insert Sequence: >SC207295 3'UTR clone of NM_000070
The sequence shown below is from the reference sequence of NM_000070. 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
GAGTGGCTGCAGCTCACCATGTATGCCTGAACCAGGCTGGCCTCATCCAAGCCATGCAGGATCACTCA
GGATTTCAGTTTCACCTCTATTTCCAAGCCATTTACCTCAAAGGACCCAGCAGCTACACCCCTACAG
GCTTCCAGGCACCTCATCAGTCATGCTCCTCCTCCATTTTACCCCTACCCATCCTTGATCGGTCATGC
CTAGCCTGACCCTTTAGTAAAGCAATGAGGTAGGAAGAACAACCCCTTGTCCCTTGCCATGTGGAGGA
AAGTGCCTGCCTCTGGTCCGAGCCGCTCGGTTCTGAAGCGAGTCTCCTGCTTACCTTGCTCTAGGCT
GTCTGCAGAAGCACCTGCCGGTGGCACTCAGCACCTCCTTGTGCTAGAGCCCTCCATCACCTTACGCT
GTCCCACCATGGCCAGGAACCAACCAGCACTGGGTTCTACTGCTGTGGGGTAAACTAACTCAGTGGA
ATAGGGCTGGTTACTTTGGGCTGTCCAACCTATAAGTTTGGCTGCATTTTAAAAAAGCTGATCTAAAT
AAAGGCATGTGTATGGCTGGTC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-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).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM_000070.3](#)

Summary: Calpain, a heterodimer consisting of a large and a small subunit, is a major intracellular protease, although its function has not been well established. This gene encodes a muscle-specific member of the calpain large subunit family that specifically binds to titin. Mutations in this gene are associated with limb-girdle muscular dystrophies type 2A. Alternate promoters and alternative splicing result in multiple transcript variants encoding different isoforms and some variants are ubiquitously expressed. [provided by RefSeq, Jul 2008]

Locus ID: 825

MW: 20.9