

Product datasheet for SC207530

Calpain 3 (CAPN3) (NM_173090) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Calpain 3 (CAPN3) (NM_173090) Human 3' UTR Clone
Symbol:	Calpain 3
Synonyms:	CANP3; CANPL3; LGMD2; LGMD2A; LGMDD4; LGMDR1; nCL-1; p94
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_173090
Insert Size:	574 bp
Insert Sequence:	<p>>SC207530 3'UTR clone of NM_173090</p> <p>The sequence shown below is from the reference sequence of NM_173090. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GAGTGGCTGCAGCTCACCATGTATGCCACGAGGCTGGCCTCATCCAAAGCCATGCAGGATCACTCA
GGATTTCAAGTTTACCCTCTATTTCCAAAGCCATTTACCTCAAAGGACCCAGCAGCTACACCCCTACAG
GCTTCCAGGCACCTCATCAGTCATGCTCCTCCTCCATTTACCCCTACCCATCCTTGATCGGTCATGC
CTAGCCTGACCTTTAGTAAAGCAATGAGGTAGGAAGAACAACCCCTTGCCCTTTGCCATGTGGAGGA
AAGTGCCTGCCTCTGGTCCGAGCCGCTCGGTTCTGAAGCGAGTGCTCCTGCTTACCTTGCTCTAGGCT
GTCTGCAGAAGCACCTGCCGGTGGCACTCAGCACCTCCTTGCTGCTAGAGCCCTCCATCACCTTCACGCT
GTCCCACCATGGGCCAGGAACCAAAACCAGCACTGGGTTCTACTGCTGTGGGGTAACTAAGTCAAGTGA
ATAGGGCTGGTTACTTTGGGCTGTCCAACCTATAAGTTTGGCTGCATTTGAAAAAGCTGATCTAAAT
AAAGGCATGTGTATGGCTGGTC
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).


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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:	<u>NM_173090.2</u>
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