

Product datasheet for **SC204395**

MYBPC1 (NM_206821) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MYBPC1 (NM_206821) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MYBPC1
Synonyms: LCCS4; MYBPCC; MYBPCS; MYOTREM; ssMyBP-C
ACCN: NM_206821
Insert Size: 506 bp
Insert Sequence: >SC204395 3'UTR clone of NM_206821
The sequence shown below is from the reference sequence of NM_206821. 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
AAACTGGAGGTGAAAGTCATTGCACAATAGGATTTTTGAATGTATAATATCATCTAAGGTGGGCTCTC
CTTCTGCAGACTCCTCTTGCAAGGCGTACCTCCAACATAAATTGATTCGTATCTGCGAGACTTACACTC
AAGCAATCCTGAGGAATACTGAGGGAGGCGCTGGCTACTGTCTCTGCACTCTGCTGCTTTGAAATCT
GGTTGAAATGAGAAAAAGCATTCTGTTTTCCACCAGGCCCAAGTGTGGTCTTTTTCTTCTCTCC
TAATGTTGAAGAGAAAAAAAAAAAAAAAAAGTTTGCCAGATTGCTTAATTAATAAATTGCAAAACAAAATC
TCATTTGAAGTCAGCACTTTGGTCATTATTATCTGCTCACTGTATTATACTTTACAAAATGCAAGT
CATAGAATAAGCAAAAGCAGTTATTTTTGTTTACATAGTAGGCTATAAATGCTTTTTTTTTCTCTCAG
AGTAAAAACATAACACAATGCA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_206821.3](#)



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Summary: This gene encodes a member of the myosin-binding protein C family. Myosin-binding protein C family members are myosin-associated proteins found in the cross-bridge-bearing zone (C region) of A bands in striated muscle. The encoded protein is the slow skeletal muscle isoform of myosin-binding protein C and plays an important role in muscle contraction by recruiting muscle-type creatine kinase to myosin filaments. Mutations in this gene are associated with distal arthrogryposis type I. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

Locus ID: 4604

MW: 19.1