

## Product datasheet for SC200931

### MYBPC2 (NM\_004533) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MYBPC2 (NM\_004533) Human 3' UTR Clone  
**Symbol:** MYBPC2  
**Synonyms:** fsMyBP-C; MYBPC; MYBPCF  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_004533  
**Insert Size:** 146 bp  
**Insert Sequence:** >SC200931 3'UTR clone of NM\_004533  
 The sequence shown below is from the reference sequence of NM\_004533. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGCAAGCTGGAGGTCCGAGTGCCGCAGTACGACCTGTCCCCTACCTGCCAAGACAATTGGTGGTGGAGT
CCTGACCCCAATCCCAACCTCCCAGGACTGTGTTCTTCTGGAGTTTTCGCTGAGAACAAAACAGTGT
TGTCTGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_004533.4](#)


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Summary:	This gene encodes a member of the myosin-binding protein C family. This family includes the fast-, slow- and cardiac-type isoforms, each of which is a myosin-associated protein found in the cross-bridge-bearing zone (C region) of A bands in striated muscle. The protein encoded by this locus is referred to as the fast-type isoform. Mutations in the related but distinct genes encoding the slow-type and cardiac-type isoforms have been associated with distal arthrogryposis, type 1 and hypertrophic cardiomyopathy, respectively. [provided by RefSeq, Jul 2012]
Locus ID:	4606
MW:	5.7