



## MYBPC1 blocking peptide (CDBP5772)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">MYBPC1 myosin binding protein C, slow type [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MYBPC1
<b>Synonyms</b>	MYBPC1; myosin binding protein C, slow type; LCCS4; MYBPCC; MYBPCS; myosin-binding protein C, slow-type; slow MyBP-C; skeletal muscle C-protein; C-protein, skeletal muscle slow isoform

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<b>Entrez Gene ID</b>	<a href="#">4604</a>
<b>mRNA Refseq</b>	<a href="#">NM_001254718</a>
<b>Protein Refseq</b>	<a href="#">NP_001241647</a>
<b>UniProt ID</b>	Q00872
<b>Pathway</b>	Muscle contraction; Striated Muscle Contraction
<b>Function</b>	actin binding; protein binding; structural constituent of muscle; titin binding

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