



MYBPC2 blocking peptide (CDBP5773)

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

PRODUCT INFORMATION

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

GENE INFORMATION

Gene Name	MYBPC2 myosin binding protein C, fast type [Homo sapiens (human)]
Official Symbol	MYBPC2
Synonyms	MYBPC2; myosin binding protein C, fast type; MYBPC; MYBPCF; myosin-binding protein C, fast-type; fast MyBP-C; C-protein, skeletal muscle fast isoform; fast-type muscle myosin-binding-protein C

Entrez Gene ID	4606
mRNA Refseq	NM_004533
Protein Refseq	NP_004524
UniProt ID	Q14324
Pathway	Muscle contraction; Striated Muscle Contraction
Function	actin binding; protein binding; structural constituent of muscle
