

Myosin-binding protein C, cardiac-type (Mybpc3) Recombinant Protein | Mybpc3 recombinant protein

Recombinant Rat Myosin-binding protein C, cardiac-type (Mybpc3) , partial

CATALOG # AAA113565	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

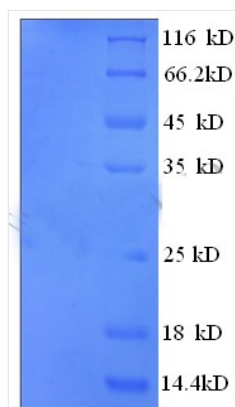
PRODUCT SYNONYMS

Myosin-binding protein C; cardiac-type (Mybpc3); Recombinant Rat Myosin-binding protein C; partial; Mybpc3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	645-864aa, Full Length of Mature Protein
Sequence	PKIHLDCPGS TPDITVVVAG NKLRLDVPIS GDPAPTIVWQ KITITQGKKAS AGPPPGAPED AGADEEWVFD KKLLCETEGR VRVETTKDRS VFTVEGAEKE DEGVYTVTVK NPVGEDQVNL TVKVIDVPDA PAAPKISNVG EDSCIVQWEP PAYDGGQPVL GYILERKKKK SYRWMRLNFD LLRELSHEAR RMIEGVAYEM RYYAVNAVGM SRPSPASQPF
Sequence Length	1,274
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Mybpc3 recombinant protein	MYBPC3 encodes the cardiac isoform of myosin-binding protein C. Myosin-binding protein C is a myosin-associated protein found in the cross-bridge-bearing zone (C region) of A bands in striated muscle. MYBPC3, the cardiac isoform, is expressed exclusively in heart muscle. Regulatory phosphorylation of the cardiac isoform in vivo by cAMP-dependent protein kinase (PKA) upon adrenergic stimulation may be linked to modulation of cardiac contraction. Mutations in MYBPC3 are one cause of familial hypertrophic cardiomyopathy.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	157824043
NCBI GeneID	295929
NCBI Accession #	NP_001099960.1
NCBI GenBank Nucleotide #	NM_001106490.1
UniProt Accession #	P56741
Molecular Weight	26.1 kDa
NCBI Official Full Name	myosin-binding protein C, cardiac-type
NCBI Official Synonym Full Names	myosin binding protein C, cardiac
NCBI Official Symbol	Mybpc3
NCBI Protein Information	myosin-binding protein C, cardiac-type
UniProt Protein Name	Myosin-binding protein C, cardiac-type
UniProt Gene Name	Mybpc3
UniProt Synonym Gene Names	Cardiac MyBP-C

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mybpc3-recombinant-protein-e-coli/113565>