

Product datasheet for TP511692

Mybpc2 (NM_146189) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myosin binding protein C, fast-type (Mybpc2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211692 protein sequence Red =Cloning site Green =Tags(s)

MPEAKPAACKKASKGKDAPKEAPAKQTPEEPPKEAPPEDQSPTAEPTGIFLKKPDSVSVETGKDAVILAK
VNGKELPGKPTIKWFKGKWQELGSKSGARFIFKESHSTSNVYTVELHIGKVLGDRGDYRLEIKAKDVC
DSCSFNVDVEAPRQDSSGQSLESFKRSGDGKSEDAGELDFSGLLKKREVVEEKKKKKDDDDLGIPPEIW
ELLKGAKKSEYEKIAFYGITDLRGLMLKRLKAKVEVKKSAFTKKLDPAYQVDRGNKIKLVESDPDL
PLKWFKNQGEIKPSSKYVFNENVGKKRILTINKCTLADDAAYEAVQDEKCFTELVKPEPVLIVTPLDQ
QVFGDRVEMSVEVSEEGAQVMWMKDGVEMTRESYKARYRFKKGDKRHLIYSDAQEDGGRYQVITNG
GQCEALIVEEKQLEVLQDIADLTVKAAEQAVFKCEVSDKVTGKWKYKNGVEVRPSKRITISHVGRFHKL
VIDDVRPEDEGDYTFVPDGYALSLSAKLNFLEIKVEYVPKQEPPIHLDCSGKTSDNSIVVWAGNKLRLD
VAITGPPPTATWLRGDEVFTATEGRTHEIQRPDCCSFVIESAERSDEGRYTIKVTNPAGEDVASIFLRV
VDVPDPPEAVRVTSGEDWAILVWEPKYGQPVVTGYLMERKKKGSQRWMKINFEVFTDTTYESTKMIE
GVLYEMRVFAVNAIGVSQPSMNTKPFMPIAPTSAPQHLTVEDVTDTTTTLKWPPDRIGAGGIDGYLVEY
CLEGSEEWVPANKEPVERCGFTVKDLPTGARILFRVGVNIAGRSEPATLLQPVTIREIVEQPKIRLPRH
LRQTYIRKVGALNLVIPFQKPRPQVVWTKGGAPLDTSRVNVRTSDFDTVFFVRQAARSDSGEYELSVQ
IENMKDTATIRIRVVEKAGPAENVMVKEVWGTNALVEWQPPKDDGNSEITGYFVQKADKKTMEWFNVYEH
NRHTSCTVSDLIVGNEYFRIFSENICGLSDSPGVSKNTARILKTGITLKPLEYKEHDFRTAPKFLTPLM
DRVVAGYTAALNCAVRGHPKPKVWVMKNKMEIHEDPKFLITNYQGILTLNIRRPPFDAGTYSCRAFNE
LGEALAECKLDVRVPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	127.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_666301
Locus ID:	233199
UniProt ID:	Q5XKE0
RefSeq Size:	3624
Cytogenetics:	7 B3
RefSeq ORF:	3411
Synonyms:	MGC28149
Summary:	Thick filament-associated protein located in the crossbridge region of vertebrate striated muscle a bands. In vitro it binds MHC, F-actin and native thin filaments, and modifies the activity of actin-activated myosin ATPase. It may modulate muscle contraction or may play a more structural role (By similarity).[UniProtKB/Swiss-Prot Function]