

## Product Datasheet

# MYBPC3 Protein, Human, Recombinant (His & SUMO) (orb1978186)

<b>Description</b>	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. MYBPC3 Protein, Human, Recombinant (His & SUMO) is expressed in E. coli expression system with N-6xHis-SUMO tag. The predicted molecular weight is 50.8 kDa and the accession number is Q14896.
<b>Storage</b>	-20°C
<b>Tag</b>	N-6xHis-SUMO
<b>Note</b>	For research use only
<b>Application notes</b>	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
<b>Protein Sequence</b>	MPEPGKKPVSAFSKKPRSVEVAAGSPAVFEAETERAGVKVRWQRGGSDISASNKYGLATE GTRHTLTVREVG PADQGSYAVIAGSSKVKFDLKVIEAEKAEPMLAPAPAPAEATGAPGEAPA PAAELGESAPSPKGS SAAALNGPTPGAPDDPIGLFVMRPQDGEVTVGG SITFSARVAGASLL KPPVVKWFKGKWVDLSSKVGQHLQLHDSYDRASKVYLFELHITDAQPAFTGSYRCEVSTK DKFDCSNFNLTVHEAMGTGDLDLLSAFRRTSLAGGGRRISDSHEDTGILDFSSLLKKRDSF RTPRDSKLEAPAEEDVWEILRQA
<b>Purity</b>	98.00%
<b>MW</b>	50.8 kDa (predicted)
<b>Uniprot ID</b>	<b>Q14896</b>
<b>Expiration Date</b>	6 months from date of receipt.

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