

# Recombinant Human MYBPC3 protein, GST-tagged

**Cat. No.** MYBPC3-3565H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MYBPC3 protein(1-328 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-328 aa                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.                                                                                                                       |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                                |
| <b>AA Sequence</b>      | MPEPGKKPVSAFSKKPRSV EVAAGSPAVFEAETERAGVKVRWQRGGSDISASNKY<br>GLATEGTRHTLTVREVGPADQGSYAVIAGSSKVKFDLKVIEAEKAEPMLAPAPAPAE<br>ATGAPGEAPAPAAELGESAPSPKGSSSAALNGPTPGAPDDPIGLFVMRPQDGEVTV<br>GGSITFSARVAGASLLKPPVVKWFKGKWVDLSSKVGQHLQLHDSYDRASKVYLFEL<br>HITDAQPAFTGSYRCEVSTKDKFDCSNFNLTVHEAMGTGDLDLLSAFRRTSLAGGG<br>RRISDSHEDTGILDFSSLLKKRDSFRTPRDSKLEAPAEEDVWEILRQA |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                      |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

**Official Symbol** MYBPC3

**Synonyms**

MYBPC3; myosin binding protein C, cardiac; CMH4, myosin binding protein C, cardiac; myosin-binding protein C, cardiac-type; FHC; MYBP C; C-protein, cardiac muscle isoform; myosin-binding protein C, cardiac; CMH4; MYBP-C; DKFZp779E1762;

**Gene ID** 4607

**mRNA Refseq** NM\_000256

**Protein Refseq** NP\_000247

**MIM** 600958

**UniProt ID** Q14896

**SDS-PAGE**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA