

Human MYBPC3 Recombinant Protein



RPPB4027

Product Information Protein Information

Product SKU:

RPPB4027

Accession:

Q14896

Host:

Escherichia Coli.

Protein description:

MYBPC3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Met1-Phe271) containing 281 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 29.6kDa.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Myosin Binding Protein C Cardiac, C-Protein Cardiac Muscle Isoform, Myosin-Binding Protein C Cardiac, Cardiac MyBP-C, CMD1MM, LVNC10, MYBP-C, CMH4, FHC, MYBPC3.

Formulation:

MYBPC3 was filtered (0.4µm) and lyophilized in 20mM Tris buffer and 50mM NaCl, pH 7.5.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. MYBPC3 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHASMPGKPKVPS AFSKKPRVSE VAAGSPAVFE AETERAGVKV RWQRGGSDIS ASNKYGLATE
GTRHTLTVRE VGPADQGSYA VIAGSSKVKF DLKVIEAEKA EPMLAPAPAP AEATGAPGEA PAPAELGES
APSPKGSSSA ALNGPTPGAP DDPIGLFVMR PQDGEVTVGG SITFSARVAG ASLLKPPVVK WFKGKVVVDS
SKVGQHLQLH DSYDRASKVY L FELHITDAQ PAFTGSYRCE VSTKDKFDCS NFNLTVHEAM GTGDLDLLSA F.