

Recombinant Human MYBPC1 Protein, GST-tagged

Cat. No. MYBPC1-5784H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYBPC1 partial ORF (NP_996556, 506 a.a. - 603 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the myosin-binding protein C family. Myosin-binding protein C family members are myosin-associated proteins found in the cross-bridge-bearing zone (C region) of A bands in striated muscle. The encoded protein is the slow skeletal muscle isoform of myosin-binding protein C and plays an important role in muscle contraction by recruiting muscle-type creatine kinase to myosin filaments. Mutations in this gene are associated with distal arthrogryposis type I. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]
Molecular Mass	36.52 kDa
AA Sequence	DAYNVTLPKAVHVIDPPKIILDGLDADNTVTVIAGNKLRLLEIPISGEPPPKAMWSRGDK AIMEGSGRIRTESYPDSSTLVIDIAERDDSGVYHINLKN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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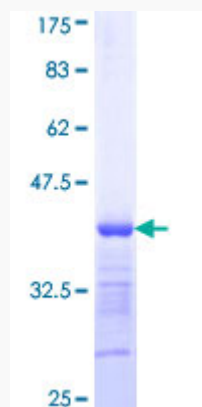
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MYBPC1 myosin binding protein C, slow type [Homo sapiens]
Official Symbol	MYBPC1
Synonyms	MYBPC1; myosin binding protein C, slow type; myosin-binding protein C, slow-type; slow MyBP-C; skeletal muscle C-protein; C-protein, skeletal muscle slow isoform; MYBPCC; MYBPCS;
Gene ID	4604
mRNA Refseq	NM_001254718
Protein Refseq	NP_001241647
MIM	160794
UniProt ID	Q00872

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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